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1898-99

WOMEN'S COLLEGE

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BROWN UNIVERSITY



Specimen
1898-99

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WOMEN'S COLLEGE
IN
BROWN UNIVERSITY
ANNUAL
ANNOUNCEMENT

ACADEMIC YEAR 1898 - 99



PROVIDENCE, R. I.
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1898



ANNUAL ANNOUNCEMENT

The Graduate Department in Brown University places women on exactly the same footing as men. In respect to instruction, examinations, and degrees, the two sexes are treated precisely alike. The expenses, too, are the same.

Instruction for undergraduate women is provided for as follows:

There is established a department of the University known as the Women's College in Brown University.

The President of the University is charged with the general direction, supervision and government of this College as of other departments of the University.

The immediate charge of the college in respect to registration, teaching, government and discipline, devolves, subject to the direction of the President, on the Dean of the Women's College, elected annually by the Corporation.

The instruction in the Women's College is given by the professors and instructors in Brown University.

Brown University examinations are open to women only when they are registered in the Women's College or as graduate students.

The Corporation will receive gifts of money to found scholarships, fellowships and professorships in Brown University for the behoof of its women students, and for the general purposes of the Women's College, and will hold and administer such funds as separate and distinct from the general funds of the University.

The conditions of women's examinations upon undergraduate work are as follows:

Women take entrance examinations at the same times and places and under the same conditions as men. But women

candidates may present certificates in place of entrance examinations, subject to the same conditions which apply to men. All women's examinations in college studies are to be taken at the University, none elsewhere.

To be admitted to advanced examinations, candidates must have passed all entrance examinations, as well as all examinations which cover the work of previous terms.

The subjects for women's examinations, when not identical with those in the courses of instruction given in the University, in all cases closely correspond to them.

The Eighth Academic Year of the Women's College begins Wednesday, September 21, 1898, with Chapel Service in Sayles Hall, at 8.40 A. M. At the close of this the classes will begin their session according to the schedule.

The required studies of the four years will be provided for as indicated below. Only such elective courses are mentioned as it is thought will prove attractive to the majority of the women students. It is highly desirable that election be confined as far as possible to the courses named. Individual preferences in electives may be specially provided for by consultation with the Dean.

Before each University examination period the Dean of this College files with the Registrar of the University a list of all undergraduate candidates for University examinations who are approved by the instructors in the Women's College, thus certifying to the fitness of the candidates to undertake the examinations desired; but no candidate will be approved whose term bill is not paid or satisfactorily arranged for, *at least five days previous to the beginning of each examination period.*

OFFICERS OF INSTRUCTION

With their Titles in Brown University

LOUIS FRANKLIN SNOW, A. M., DEAN.

Office, Pembroke Hall.

EMMA BRADFORD STANTON, PH. B.

Assistant Registrar,

ALONZO WILLIAMS, A. M.

Professor of the Germanic Languages and Literatures.

NATHANIEL FRENCH DAVIS, A. M., LL. D.

Professor of Pure Mathematics.

WILLIAM WHITMAN BAILEY, A. M.

Professor of Natural History (Botany).

ALBERT GRANGER HARKNESS, A. M.

Professor of Roman Literature and History.

HERMON CAREY BUMBUS, PH. D.

Professor of Comparative Anatomy and Curator of the Museums.

COURTNEY LANGDON, A. B.

Professor of the Romance Languages and Literatures.

WILFRED HAROLD MUNRO, A. M.

Associate Professor of History and Director of the University Extension.

JAMES IRVING MANATT, PH. D., LL. D.

Professor of Greek Literature and History.

WALTER COCHRANE BRONSON, A. M.

Professor of English Literature.

CARL BARUS, PH. D.

Hazard Professor of Physics.

ASA CLINTON CROWELL, PH. D.

Assistant Professor of Germanic Languages and Literatures.

FRANCIS GREENLEAF ALLINSON, PH. D.

David Benedict Professor of Classical Philology.

HENRY PARKER MANNING, PH. D.

Assistant Professor of Pure Mathematics.

HAMMOND LAMONT, A. B.

Professor of Rhetoric and Oratory.

JAMES QUAYLE DEALEY, PH. D.

Associate Professor of Social and Political Science.

WALTER BALLOU JACOBS, A. M.

Associate Professor of Pedagogy.

CHARLES FOSTER KENT, PH. D.

Professor of Biblical Literature and History.

ALBERT KNIGHT POTTER, PH. D.

Associate Professor of English.

JOHN FRANCIS GREENE, A. B.

Instructor in Latin.

ALBERT BUSHNELL JOHNSON, A. M.

Instructor in the Romance Languages.

ALEXANDER MEIKLEJOHN, PH. D.

Instructor in Philosophy.

FREDERICK SLOCUM, PH. D.

Instructor in Mathematics.

CHARLES MARSHALL POOR, PH. D.

Instructor in German.

JOSEPH NICKERSON ASHTON, A. M.

Instructor in Musical Theory and History.

HAVEN METCALF, A. M.

Instructor in Botany.

ADA GENEVA WING, A. M.

Instructor in Hygiene and Domestic Science.

MABEL LOUISE POTTER, A. M.

Instructor in Physical Culture

ADMISSION TO COURSES LEADING TO DEGREES

Pupils from schools of known excellence are admitted to the Freshman Class without examination, on the certificates [not diplomas] of the Principals of these schools. Upon application by the Principal of any school from which pupils are received in this manner, the University furnishes blank forms for these certificates.

The regular examinations for admission to the FRESHMAN CLASS take place on Thursday, Friday, and Saturday, of Commencement week, June 16, 17, and 18, 1898, beginning at 9 o'clock A. M. on Thursday.

These examinations occur in Rhode Island Hall. Candidates must present themselves promptly at the appointed times.

The order of the examinations will be :

THURSDAY, JUNE 16

Greek, South Room, from 9 A. M. to 12.30 P. M.

Latin, North Room, from 2.30 to 6 P. M.

History, for B. P. candidates, North Room, from 9 A. M. to 12.30 P. M.

FRIDAY, JUNE 17

Mathematics, South Room, from 8.15 A. M. to 12.30 P. M.

French, South Room, from 3 to 5 P. M.

German, North Room, from 3 to 5 P. M.

There will be, as follows, a second examination in each of the above branches, on Monday and Tuesday, September 19 and 20, 1898.

MONDAY, SEPTEMBER 19

Greek, North Room, 9 A. M. to 11 A. M.

Latin, North Room, 11.30 A. M. to 1.30 P. M.

History, South Room, 9 A. M. to 11 A. M.

English, North Room, 2 P. M. to 4 P. M.

TUESDAY, SEPTEMBER 20

Mathematics, North Room, 9 A. M. to 12 M.

French, North Room, 1 P. M. to 3 P. M.

German, South Room, 3 P. M. to 5 P. M.

For admission to **ADVANCED STANDING**, unless coming from other Colleges of high standing, candidates are examined in the studies already pursued by the respective classes which they propose to enter. These examinations for 1898 will be held on Monday and Tuesday, September 19 and 20. Students must report at the Dean's Office at 9 A. M. on Monday, September 19. A student from another College must present a certificate of her standing in the College which she has left and of regular dismissal from it.

Qualified members of the Freshman Class are matriculated at the beginning of the second term. Till matriculation, all candidates for degrees, however admitted, are regarded as on probation.

1. Entrance Examinations to be Passed by Every Candidate for a Degree

Unless admitted by certificate every undergraduate candidate for a degree in Brown University, whether Bachelor of Arts, Bachelor of Philosophy, Bachelor of Science, Civil Engineer or Mechanical Engineer, is, before entering College, required to pass examination upon a certain amount of Mathematics, upon a certain amount of English, and upon a certain amount either of French or of German.

Of candidates for the degree of Civil Engineer or for that of Mechanical Engineer, no other entrance examinations are required.

The entrance examinations which all candidates for degrees must pass are the following:

A. Mathematics. 1. Algebra, through Equations of the Second Degree, including Arithmetical and Geometrical Progression and the use of the Binomial Formula. 2. Plane Geometry.

B. English. The examination in English consists of two parts, one to test the pupils' General Reading, the other to bring out the results of their more careful Study and Practice in this branch. The entire examination occupies not less than two hours.

Part 1. Reading and Practice. This part of the examination for 1898 will be upon the following works: Milton's *Paradise Lost*, books i and ii, Pope's *Iliad*, books i and xxii, the *Sir Roger de Coverley Papers* in the *Spectator*, Goldsmith's *Vicar of Wakefield*, Coleridge's *Ancient Mariner*, Southey's *Life of Nelson*, Carlyle's *Essay on Burns*, Lowell's *Vision of Sir Launfal* and Hawthorne's *House of the Seven Gables*.

The candidate must exhibit a good general knowledge of the subject-matter of each work, and answer simple questions on the lives of the authors. The usual form of examination is the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number, perhaps ten or fifteen, named in the examination paper. The treatment of these topics is to test her power of clear and accurate expression. In place of a part or the whole of this exercise, the candidate

may be allowed to present an exercise book, properly certified by her instructor, containing compositions or other written work done in connection with the reading.

In 1899, Dryden's *Palamon and Arcite*, Pope's *Iliad*, books i, vi, xxii, and xxiv, The Sir Roger de Coverley Papers in the *Spectator*, Goldsmith's *The Vicar of Wakefield*, Coleridge's *The Ancient Mariner*, De Quincey's *The Flight of a Tartar Tribe*, Cooper's *The Last of the Mohicans*, Lowell's *The Vision of Sir Launfal*, Hawthorne's *The House of the Seven Gables*.

In 1900, Dryden's *Palamon and Arcite*, Pope's *Iliad*, books i, vi, xxii and xxiv, The Sir Roger de Coverley Papers in the *Spectator*, Goldsmith's *The Vicar of Wakefield*, Scott's *Ivanhoe*, De Quincey's *The Flight of a Tartar Tribe*, Cooper's *The Last of the Mohicans*, Tennyson's *The Princess*, and Lowell's *The Vision of Sir Launfal*.

For 1901 and 1902, Shakspeare's *The Merchant of Venice*, Pope's *Iliad*, books i, vi, xxii and xxiv, The Sir Roger de Coverley Papers in the *Spectator*, Goldsmith's *The Vicar of Wakefield*, Coleridge's *The Ancient Mariner*, Scott's *Ivanhoe*, Cooper's *The Last of the Mohicans*, Tennyson's *The Princess*, Lowell's *The Vision of Sir Launfal*, George Eliot's *Silas Marner*.

Part II. Study and Practice. This section of the examination requires a more careful study of each of the works named. It involves subject-matter, form and structure, and also, more particularly than Part I, tests the candidate's ability to express his knowledge with clearness and accuracy.

In 1898, Shakspeare's *Macbeth*, Burke's *Speech on Conciliation with America*, De Quincey's *The Flight of a Tartar Tribe*, and Tennyson's *The Princess*, will form the list.

In 1899, Shakspeare's *Macbeth*, Milton's *Paradise Lost*, books i and ii, Burke's *Speech on Conciliation with America*, and Carlyle's *Essay on Burns*.

In 1900, Shakspeare's *Macbeth*, Milton's *Paradise Lost*, books i and ii, Burke's *Speech on Conciliation with America*, Macauley's *Essays on Milton and Addison*.

In 1901 and 1902, Shakspeare's *Macbeth*, Milton's *Lycidas* *Comus* *L'Allegro* and *Il Penseroso*, Burke's *Speech on Conciliation with America*, Macauley's *Essays on Milton and Addison*.

NOTE: Reading parallel and subsidiary to all the above should be encouraged. Students are also recommended to commit to memory as much English poetry as possible. The essentials of Grammar must not be neglected, and no candidate will be accepted in English whose work is notably defective in spelling, punctuation, idiom, or division into paragraphs.

C. French or German. Each candidate for any degree whatever must pass examination either upon a certain amount of French or upon a certain amount of German, but a candidate may present the one or the other of these languages according to her wish. Students who present German for entrance must continue German during the Freshman year, and also take French in their Sophomore year.

For candidates who offer **French** the requirements are as follows :

1. Proficiency in Elementary French Grammar, implying especially, familiarity with the following topics : Inflection of nouns and adjectives in gender and number ; the pronominal adjectives ; the use of pronouns, especially the forms and positions of personal pronouns ; the partitive constructions ; the inflection of the regular verbs, and of the more usual irregular verbs, such as *dire, faire*, and the classes represented by *ouvrir, sentir, venir, paraître, conduire*, and *craindre*.

The mention of these topics is not proposed as restrictive, but is meant rather to emphasize the importance of a thorough grounding of the pupil in those elements on which future good work necessarily depends. Mastery of Professor Whitney's Brief French Grammar will be regarded as sufficient.

2. Ability to translate simple prose at sight.

It is believed that the required facility can be gained by reading concurrently with the work of the Grammar from two hundred to four hundred duodecimo pages out of at least three dissimilar works, but care should be taken not to read works assigned in the college courses.

3. Ability to pronounce French and to recognize French words and simple phrases when uttered.

It is recommended that from the beginning careful attention be given to the fluent and intelligent pronunciation of the French texts used in the class-room.

For students who offer **German** as a preparatory study the requirements are as follows : 1. Proficiency in Elementary German Grammar, implying especially, familiarity with the following topics : Declension of such nouns as are readily classified, of adjectives and pronouns ; conjugation of weak and of the more usual strong verbs ; the more common prepositions, the simpler uses of the modal auxiliaries ; the simpler rules of syntax and of word order.

The mention of these topics is not proposed as restrictive, but is meant rather to emphasize the importance of a thorough grounding of the pupil in those elements on which future good work depends. Mastery of Professor Whitney's Brief German Grammar will be regarded as sufficient.

2. Ability to translate a passage of simple prose at sight, a vocabulary of the less usual words being furnished.

It is believed that the required facility can be gained by reading concurrently with the work in the grammar, two hundred duodecimo pages of easy German, chiefly narrative prose, with a few lyric poems, but care should be taken not to read the works assigned in the college courses.

3. Ability to pronounce German, and to recognize German words and simple phrases when uttered.

It is recommended that from the beginning careful attention be given to the fluent and intelligent pronunciation of the German texts used in the class-room.

Candidates for the degree of Civil Engineer or for the degree of Mechanical Engineer are required to pass only the above entrance examinations.

II. Additional Entrance Examinations to be Passed by Certain Candidates

A. Additional Entrance Examinations to be Passed by Candidates for the Degree of Bachelor of Arts.

Besides the foregoing examinations in Mathematics, English, and French, or German, candidates for admission to the courses leading to this degree are examined in the following subjects. Real equivalents will be received for any of the works mentioned :

I. Greek. 1. Authors : Xenophon's *Anabasis* entire, or four books of the *Anabasis* and three of Homer, regard being had not only to language but to subject-matter as well. Two books of the *Hellenica* may be offered in place of a like part of the *Anabasis* ; and preparation in Homer may be in either *Iliad* or *Odyssey*. 2. Grammar : A familiar knowledge of inflection, word-formation and ordinary syntax. 3. Composition : The first twenty-five exercises of Jones' *Composition*, or Allinson's *Composition* as far as Part III, or Collar & Daniell's entire. 4. History. The general history of Greece to the death of Alexander.

Candidates are expected to be able to translate at sight simple Attic prose, unusual words being defined, and to write in Greek simple connected narrative based upon the *Anabasis* or the *Hellenica*.

II. Latin. 1. Cæsar, *Gallie War*, books i-iv, or books i-iii, and Sallust's *Catiline*, with questions on the subject-matter and on grammar. 2. Ovid, twenty-five hundred lines. 3. Cicero, the orations against *Catiline*, and the oration for *Archias*, with questions, as on Cæsar. 4. Vergil, *Aeneid*, books i-vi, or *Aeneid*, books i-v and the *Eclogues*, with questions on the subject-matter and on prosody. 5. Translation at sight, of ordinary passages from Cæsar, Cicero's *Orations*, Vergil's *Aeneid*, and Ovid's *Metamorphoses*, with questions on grammar, prosody, history and antiquities suggested by the passages assigned. 6. Translation into Latin of simple English sentences. 7. Translation into Latin of a continuous passage of English narrative, prepared from some portion of the prescribed prose. 8. Outline of Roman Geography, and of Roman History to the end of the reign of Marcus Aurelius. It is recommended that pupils be accustomed, from the beginning of their preparatory course, to translate into Latin, both oral and written, passages prepared by the teachers on the basis of the prose authors read.

In pronouncing Latin it is recommended that *ā* be pronounced as in *father*, *ǣ* as the *a* in *Cuba* ; *ē* as in *prey*, *ě* as in *men* ; *ī* as in *machine*, *î* as in *cigar* ; *ō* as in *old*, *ô* as in *obey* ; *ū* as in *rule*, *ũ* as in *full* ; *j* as *y* in *yard* ; *c* always as *k* in *king* ; *g* always as *g* in *get*.

Instructors in preparatory schools are urged to insist upon the use of simple and idiomatic English in the translation of Greek and Latin.

PRELIMINARY EXAMINATIONS IN THE CLASSICS

In the studies named below, candidates may be examined one year before the time at which they intend to apply for admission to the Freshman Class. These examinations will occur, for 1898, on Thursday, June 16, *and then only*. They will be held in the South Room of Rhode Island Hall, and in the following order:

Greek, from 9 A. M. to 12.30 P. M.

Latin, from 2.30 to 5.30 P. M.

The subjects will be: I. **In Greek:** 1. Greek Grammar. 2. Three books of Xenophon's *Anabasis*. II. **In Latin:** 1. Latin Grammar. 2. *Cæsar*, or *Cæsar* and *Sallust*, as above. 3. Translation into Latin of simple sentences. 4. *Ovid*, or *Cicero*, or *Vergil*, as above.

B. Additional Entrance Examinations to be Passed by Candidates for the Degree of Bachelor of Philosophy. Besides the examinations in Mathematics, English and French or German already specified, candidates for the degree of Bachelor of Philosophy are examined as follows:

I. Latin. 1. *Cæsar*, *Gallic War*, books i-iv, or books i-iii and *Sallust's Catiline*, with questions on the subject-matter and on grammar. 2. *Ovid*, twenty-five hundred lines. 3. *Cicero*, the *Orations* against *Catiline*, and the oration for *Archias*, with questions, as on *Cæsar*. 4. *Vergil*, *Aeneid*, books i-vi, or *Aeneid*, books i-v and the *Eclogues*, with questions on the subject-matter and on prosody. 5. Translation, at sight, of ordinary passages from *Cæsar*, *Cicero's Orations*, *Vergil's Aeneid*, and *Ovid's Metamorphoses*, with questions on grammar, prosody, history and antiquities, suggested by the passages assigned. 6. Translation into Latin of simple English sentences. 7. Translation into Latin of a continuous passage of English narrative, prepared from some portion of the prescribed prose. 8. Outlines of Roman Geography.

It is recommended that pupils be accustomed, from the beginning of their preparatory course, to translate into Latin, both oral and written, passages prepared by the teachers on the basis of the prose authors read.

In pronouncing Latin, it is recommended that *ā* be pronounced as in *father*, *ā* as the *a* in *Cuba*; *ē* as in *prey*, *ē* as in *men*; *ī* as in *machine*, *ī* as in *cigar*; *ō* as in *old*, *ō* as in *obey*; *ū* as in *rule*, *ū* as in *full*; *j* as *y* in *yard*; *c* always as *k* in *king*; *g* always as *g* in *get*.

Instructors in preparatory schools are urged to insist upon the use of simple and idiomatic English in the translation of Greek and Latin.

Substitute 1. Latin, Minor Requirement. In case of pupils nineteen years of age or over, who offer proof of attainments in general subjects such as a diligent and competent student would derive from two years full attendance at a good high school or academy, the above requirement in Latin is reduced to five books of *Cæsar* or its equivalent in *Cicero*,

Vergil, or other standard authors. Students offering only this smaller amount of Latin cannot, however, pursue any of the Latin courses in College.

Substitute 2. Greek. Instead of the Latin specified above, whether the full or the minor requirement, candidates for the degree of Bachelor of Philosophy may offer **Greek**. Candidates presenting Greek as a preparatory study will be examined in all the Greek subjects specified above. Students fulfilling this requirement usually wish to pursue Greek in College and are permitted to do so.

Substitute 3. German or French. If they prefer Students may present both the French and German mentioned, in which case no Latin examination is required of them.

II. History. Either the general history of Greece to the death of Alexander, with Roman history to the end of the reign of Marcus Aurelius; or the general history of England and of the United States.

C. Additional Entrance Examinations to be passed by Candidates for the Degree of Bachelor of Science. Besides the examination in Mathematics, English and French or German specified above, candidates for the degree of Bachelor of Science are examined in the following:

I. Mathematics. 1. Solid and Spherical Geometry. 2. Plane Trigonometry, with the use of Logarithmic and trigonometric tables.

II. Latin. Five Books of Cæsar, or the equivalent thereof in Cicero or in Vergil. *Option:* If the candidate prefers she may present *both* the French and the German specified above, in which case no examination in Latin is required.

III. History. Either the general history of Greece to the death of Alexander, with Roman History to the end of the reign of Marcus Aurelius; or the general history of England and of the United States.

Admission to Special Courses

Pupils are admitted to select courses covering but single terms, and even to work in single branches. Each applicant for registration in such a course must present to the Dean sufficient evidence of her ability to pursue the subject chosen. Also every select student, unless especially excused by the Dean and by the Professor in charge of her course, must prepare for and pass an examination at the completion of her course. To be admitted to advanced examinations, candidates must have passed all entrance examinations, as well as all examinations which cover the work of previous terms.

The Courses of Instruction

Arranged According to Years and Terms

Required Studies

FRESHMAN YEAR

1. of all candidates for all degrees :

*French 1	3 h.	French 2	3 h.	French 3	3 h.
or		or		or	
*German 4	3 h.	German 6	3 h.	German 8	3 h.
Mathematics 1	5 h.	Mathematics 3	5 h.	Mathematics 2	5 h.

2. Of all candidates for the degree of A. B.

Greek 1	4 h.	Greek 2	4 h.	Greek 3	4 h.
Latin 1	4 h.	Latin 2	4 h.	Latin 3	4 h.

3. Of all candidates for the degree of Ph. B.

Rhetoric 2	4 h.	Rhetoric 3	4 h.	Rhetoric 4	4 h.
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4. Candidates for the degree of Ph. B. may substitute for the above ancient languages from the following :

Botany 1	4 h.	Botany 2	4 h.	Botany 3	4 h.
Comp. Anat. 15	4 h.	Comp. Anat. 1	4 h.	Comp. Anat. 2	4 h.

SOPHOMORE YEAR

Rhetoric 2	4 h.	Rhetoric 3	4 h.	Rhetoric 4	4 h.
German 1	3 h.	German 2	3 h.	German 3	3 h.
or		or		or	
*French A	3 h.	French B	3 h.	French C	3 h.

and sufficient electives to make up sixteen hours per week.

JUNIOR YEAR

History 1	3 h.	History 2	3 h.		
Rhetoric 33	1 h.	Rhetoric 34	1 h.	Rhetoric 35	1 h.

and sufficient electives to make up sixteen hours per week.

SENIOR YEAR

Elective studies, fifteen hours per week, may be selected from the Elective List, or by consultation with the Dean on or before September 13.

* [Students who pursue French 1, 2, 3, during Freshman year, must take German 1, 2, 3, during Sophomore year. Those who pursue German 4, 6, 8, during Freshman year, must take French A, B, C, during Sophomore year.]

ELECTIVE STUDIES

English 1	3 h.	English 2	3 h.	English 3	3 h.
English 18	3 h.	English 19	3 h.	English 37	3 h.
German 6	3 h.	German 4	3 h.	German 8	3 h.
German 46	3 h.	German 47	3 h.	German 48	3 h.
French 4	3 h.	French 5	3 h.	French 6	3 h.
Italian 1	3 h.	Italian 2	3 h.	Italian 3	3 h.
Latin 7	3 h.	Latin 8	3 h.	Latin 9	3 h.
Greek 16	3 h.	Greek 17	3 h.	Greek 18	3 h.
Music 14	3 h.	Music 15a	3 h.	Music 15b	3 h.
Hebrew History 1	3 h.	Hebrew History 2	3 h.	Hebrew History 3	3 h.
				History 3	3 h.
History 15	3 h.	History 11	3 h.	History 16	3 h.
Phys. Geog. 1	3 h.	Phys. Geog. 2	3 h.	Phys. Geog. 3	3 h.
Physics 1	3 h.	Physics 2	3 h.	Physics 32	3 h.
Comp. Anat. 15	4 h.	Comp. Anat. 1	4 h.	Comp. Anat. 2	4 h.
Comp. Anat. 22	3 h.	Comp. Anat. 23	3 h.	Comp. Anat. 24	3 h.
Botany 1	3 h.	Botany 2	3 h.	Botany 3	3 h.
Political Science 1	3 h.	Political Science 2	3 h.	Political Science 3	3 h.
Philosophy 2	3 h.	Philosophy 3	3 h.	Philosophy 19	3 h.
Pedagogy 1	3 h.	Pedagogy 2	3 h.	Pedagogy 3	3 h.

COURSES OF INSTRUCTION ARRANGED ACCORDING TO DEPARTMENTS

Philosophy

[5. *Theoretical Ethics*. The Moral Idea. Three hours. First Term.
6, 15. *Practical Ethics*. Three hours. Second and Third Terms.
Elective for Juniors, Seniors and Graduates.] Omitted 1898-99.

2, 3. *Psychology*. General Synthetic Course. Three hours. First and Second Terms respectively. Elective for Juniors and Seniors.

[36, 37, 38. *Philosophical Introduction*. An elementary course on the main problems of Philosophy and their typical solutions, intended to acquaint the student with the standpoint and method of philosophical discussion and to introduce him to the literature of the subject. Three hours. First, Second and Third Terms. Elective for Juniors and Seniors.] Omitted 1898-99.

8. *History of Greek Philosophy*. Three hours. First Term. Elective for Juniors, Seniors and graduates.

9. *History of Mediaeval and Early Modern Philosophy*. Three hours. Second Term. Elective for Juniors, Seniors and graduates who have passed in Course 8.

10. *History of Recent and Contemporary Philosophy*. Three hours. Third Term. Elective for Juniors, Seniors and graduates who have passed in Courses 8 and 9.

19. *Logic*. Three hours. Third Term. Elective for Sophomores, Juniors and Seniors.

Pedagogy.

1. History of Educational Theories and Institutions. Three hours. First Term.

2. The Institute of Pedagogy. Three hours. Second Term.

3. Practical Pedagogy. Three hours. Third Term.
Elective for Seniors.

Greek Literature and History

1. *Lysias*. Three hours. *Greek Prose Composition*. One hour. First Term. Required of candidates for the degree of Bachelor of Arts.

Lysias, select orations and practice in sight reading.

2. *Plato*. Three hours. *Greek History*. One Hour. Second Term. Required of candidates for the degree of Bachelor of Arts.

Plato, the *Apology*, *Crito* and *Meno*, with other selections for sight reading. The fourth hour is devoted to illustrated historical lectures in connection with the reading of a standard work on Greek history.

3. *Homer*. Three hours. *Greek Literature*. One hour. Third Term. Required of candidates for the degree of Bachelor of Arts.

Homer, the *Odyssey*, four books, rapid reading of other books; lectures on the life of the Heroic Age as revealed in the poems and illustrated by recent archaeological research.

One hour a week in the above courses is devoted to Greek Composition and History.

16. *Herodotus, i-v*. Three hours. First Term. Elective for Sophomores, Juniors and Seniors.

Includes a rapid reading of the earlier books of Herodotus, illustrating the connection between Greece, Egypt and Asia. Or (if notification is given by all who elect this course not later than the first day of the term), selections from *Lucian*.

Advanced Greek Composition. Arrangements may be made during part of the year for work in Greek Composition.

17. *Thucydides*. Three hours. Second Term. Elective for Sophomores, Juniors and Seniors.

One book will be read entire with selections from the rest; and special attention will be given to the sources of Greek History from the beginning to the present day.

18. *The Greek Poets from Hesiod to Theocritus*. Selections from the Anthology, with collateral reading of Squond, Jebb and other English critics on the subject. Third Term, as above.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend advanced and seminary courses at the the University on recommendation of the Dean.

Roman Literature and History

1. *Livy*. Early Roman History. Four hours. First Term. Required of A. B. candidates.

2. *Cicero*. Letters. Cicero and his times. Four hours. Second Term. Required of A. B. Candidates.

3. *Tacitus*. Germania and Agricola. History of the Early Empire. Four hours. Third Term. Required of A. B. candidates.

7. *The Origin of Latin Poetry and the Development of the Drama*. Readings from Plautus and Terence. Three hours. First Term. Elective for all students who have passed with credit courses 1, 2, 3.

8. *The Poetry of the Republic continued and the Poetry of the Augustan Age.* Readings from Lucretius and other Authors of this period. Three hours. Second Term.

9. *The Poetry of the Silver Age.* Readings from Authors of the period. Three hours. Third Term. Elective for all students who have passed with credit courses 1, 2 and 3.

[11. *Prose of the Republican Period.* The Development of Oratory. Readings from specimens of Early Latin, from Cicero's Brutus, and from Quintilian. Three hours. First Term.

12. *Prose of the Augustan Age.* The Development of Historical Writing: Readings from the Historians. Three hours. Second Term.

13. *Prose of the Silver Age.* Roman Philosophers. Readings from Seneca and from other authors of this period. Three hours. Third Term. Elective for all students who have passed with credit courses 1, 2, 3.] Omitted 1898-99.

[4. *Horace.* Odes and Epodes. Ovid's Lyrics. Lectures on Lyric Poetry. Three hours. First Term.

5. *Catullus, Tibullus and Propertius.* Lyric Poetry continued. Three hours. Second Term.

6. *The Satires of Horace and Juvenal.* Roman Life. Three hours. Third Term. Elective for all students who have passed with credit courses 1, 2, 3.] Omitted 1898-99.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend certain seminary courses on the recommendation of the Dean.

The Fine Arts

History and Criticism

[1. *Ancient Art or Classical Archaeology.* General course in the history of Ancient Art, chiefly Greek and Roman. Text-book. Lectures, illustrated by casts, lantern views, photographs and engravings, with collateral reading. Three hours. First Term. Elective for Juniors, Seniors and graduates.

4. *Early Christian and Mediæval Art.* This course includes some notice of Byzantine, Arabian and Oriental Art, (Persia, India, China, Japan), and more particularly a study of Romanesque and Gothic Art, Text-book and lectures, illustrated by lantern views. Three hours. First Term. Elective for Juniors, Seniors and graduates.

6. *The Art of the Renaissance.* Text-book and lectures, illustrated by lantern views. Three hours. Third Term. Elective for Juniors, Seniors and graduates.] Omitted 1898-99.

The above courses (1, 4, 6), may be taken independently of each other, but students are advised to elect all three, as they present a consecutive outline of the history of the most important epochs of Art. Course 1 is so important, not only in itself, but as preparatory to the study of Art in all periods, that students are strongly advised to take it, when possible, before taking any other course in the History of Art.

Music

14. *Musical Introduction*. Three hours. First Term. Elective for Sophomores, Juniors and Seniors.

A general course which considers such of the elements of music and the principles of musical composition as will enable the student to listen to music with intelligent interest and genuine profit.

15a., 15b *Music and Musicians of the Nineteenth Century*. Three hours. Second and Third Terms. Elective for Sophomores, Juniors and Seniors.

A general course the aim of which is to acquaint the student with the life, works and style of Beethoven, Schubert, Schumann, Mendelssohn, Wagner and other famous composers of this century.

Rhetoric

2, 3, 4. *Practical Rhetoric*. Four hours. Through the year. Required of all Sophomores who have not taken the subject in the Freshman year and of Freshmen who are candidates for the degree of Bachelor of Philosophy.

33, 34, 35. *Augumentative Composition*. One hour. Through the year. Required of all Juniors.

English Literature and Language

Courses announced in groups are continuous. Thus a student cannot take English 5 without having taken English 4. Nor can he take English 6 without having taken English 4 and 5. The same principal applies to all courses similarly grouped. In all other instances prerequisites for admission to a course are especially announced.

1, 2, 3. *English Literature*. Elementary Course. Designed as a preparation for the more advanced courses, and also as a general course for students who do not intend to pursue the subject of English Literature further in college. The work will be of two kinds: *a*. Critical: training in careful reading; study of the elements of literary form. *b*. Historical: rapid reading in the principal poets and prose-writers from Spenser to Tennyson; lectures, supplemented by a text-book, on authors and periods. Three hours. Through the year. Elective for Sophomores and Juniors, and for Seniors who have taken no literary course in the English department. Students who have not taken 1, 2, 3, or some other literary course, will not

be admitted to the more advanced courses in English Literature. The Linguistic courses will still be open to them.

18, 19, 37. *The English Novel*. Three hours. Through the year. Elective for students who have passed in 1, 2, 3.

Prose fiction from Sir Thomas Malory to George Eliot; chiefly the greater English novels of the eighteenth and nineteenth centuries. Students who cannot devote ten hours a week to reading should not elect the course.

History

1. *General Mediæval History of Europe*. Recitations and Lectures, reports by members of the class, and supplementary readings. Three hours. First Term. Required of all Juniors.

2. *General Modern History of Europe*. Methods as indicated under Course 1. Three hours. Second Term. Required of all Juniors.

3. *The Reformation*. Third Term. Elective for Juniors, Seniors and graduates.

15. *Islam and the Crusades*. Recitations, informal lectures and supplementary reading. Three hours. First Term.

11. *The Renaissance*. Three hours. Second Term.

16. *The French Revolution*. Three hours. Third Term. Elective for Juniors and Seniors.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend the advanced classes at the University, on recommendation of the Dean.

Hebrew History and Literature

1. *The Beginnings of Hebrew History*. Three hours. First Term. Elective for Sophomores, Juniors and Seniors.

2, 3. *Hebrew History and Literature*. From the Settlement in Canaan to the Exile. Three hours. Second and Third Terms. Revised version of the Old Testament and Kent's History of the Hebrew People, Vols. I., II. (second edition.)

Courses 1-3 are especially intended to meet the needs of the general student of Art, History, Social Science and Literature. They aim to give a broad and comprehensive view of the history, literature and teachings of the Old Testament. They will not be repeated in 1899-1900, but will be succeeded by corresponding courses covering the New Testament.

Social Science

[1. *The Principles of Sociology*. With a study of Primitive Civilization. Lectures. Three hours. First Term. Elective for Juniors and Seniors.

2. *Social Problems and Conditions*. The Family, Marriage, Divorce; Charity, Penology, Pauperism, Criminology; Immigration, Intemperance, Education. Lectures. Three hours. Second Term. Elective for Juniors and Seniors.

3. *Social Problems and Conditions*. Continuation of Course 2. Also Studies into Questions of Labor, Municipal Government and Social Legislation. Lectures. Three hours. Third Term. Elective for Juniors and Seniors.] Omitted 1898-99.

Political Science

1. *The State*. Origin, development, forms, functions and end. The English Constitution. Three hours. First Term. Elective for Juniors and Seniors.

2. *Constitutions of the United States*, local and national. Political Institutions of America, including those of the Spanish Republics. Three hours. Second Term. Elective for those students who have had Course 1.

3. *Comparative Study of Constitutions*. Special reference to the Constitutions of France, Germany and Switzerland. Three hours. Third Term. Elective for those students who have had Courses 1 and 2.

Germanic Languages and Literatures

1. *Elementary Course*. Harris's German Reader, Thomas's Practical German Grammar. Three hours. First Term. Required of all Sophomores who did not present German for entrance.

2. *Intermediate Course*. Grammar, composition, conversation. Translation of selections in prose and verse from Goethe, Uhland, Schiller, Freytag, Benedix, Heyse. Three hours. Second Term. Required of all Sophomores who did not present German for entrance.

3. *Nineteenth Century Prose*. Reading at sight. Grammar, composition, conversation. Three hours. Third Term. Required of all Sophomores who did not present German for entrance.

6. *Schiller. Jungfrau von Orleans and Balladen und Romanzen*. Lectures. Essays. Three hours. First Term. Elective for students who have passed in Courses 1, 2 and 3.

4. *Lessing as Dramatist. Emilia Galotti, Minna von Barnhelm, Nathan der Weise*. Lectures. Essays. Three hours. Second Term. Elective for students who have passed in Course 6.

8. *Goethe. Iphigenie auf Tauris, Die Leiden des jungen Werthers*. Lectures. Essays. Three hours. Third Term. Elective for students who have passed in Courses 6 and 4.

46, 47, 48. *Goethe's Faust, Parts I. and II.* Lectures. Essays. Three hours. Through the year. Elective for students who have passed in Course 6.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend the advanced classes in German Literature, Middle High German, Gothic and Old Norse, at the University, on recommendation of the Dean.

Romance Languages and Literatures

French

A. B. C. *Elementary Course*. Grammar, composition and the reading of easy selections in modern French. Three hours. Through the year. The equivalent of the Elementary French required for admission. Required of all Sophomores who offer for admission German instead of French.

French 1, 2, 3. *Modern French*. Rapid translation. Composition. Dictations. Three hours. Through the year. Required of Freshman.

French 4, 5, 6. *Advanced Course* will cover both the Classic and the Romantic School, Moliere and Victor Hugo receiving special attention. Three hours. Through the year.

[13, 14, 15. *Practice in Writing and Speaking French*. Three hours. Through the year. Elective for all who have passed with credit in French 1, 2, 3.] Omitted 1898-99.

Italian

1, 2, 3. *Introductory Course*. Grammar, composition and the reading of modern stories and plays. Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

[7, 8, 9. *Dante in English*. The whole of the *Divina Commedia* studied in English. Comparative study of this poem with Vergil's Aeneid, Milton's Paradise Lost, Goethe's Faust and Browning's The Ring and the Book. Two hours. Through the year. Elective for Juniors and Seniors at the instructor's discretion.] Omitted 1898-99.

Mathematics

1. *Geometry, Solid and Spherical*. Wells' Elements of Geometry, with original propositions. Five hours. First Term. Required of all candidates for the degree of Bachelor of Arts and Bachelor of Philosophy.

3. *Trigonometry, Plane and Spherical*. Wells' Trigonometrics. Five hours. Second Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

2. *Algebra*. Wells' College Algebra. Five hours. Third Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

9. *Analytic Geometry*. Bowser's Analytic Geometry. Three hours. First Term. Elective for those who have taken Courses 1, 2 and 3. Required of candidates for the degree of Bachelor of Science.

10. *Analytic Geometry*. Bowser's *Analytic Geometry*. Three hours. Second Term. Elective for those who have taken Course 9. Required of candidates for the degree of Bachelor of Science.

12. *Differential Calculus*. Rice and Johnson's *Differential Calculus*. Three hours. Third Term. Elective for those who have taken Courses 9 and 10. Required of candidates for the degree of Bachelor of Science.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend the advanced classes at the University, on recommendation of the Dean.

Chemistry

[1. *Descriptive Chemistry*. Non-metals. Three hours. First Term. Elective for Sophomores.

2. *Descriptive Chemistry*. Metals. Continuation of Course 1. Three hours. Second Term. Elective for Sophomores.

3. *Descriptive Chemistry*. Carbon compounds. Continuation of Course 2. Three hours. Elective for Sophomores.] Omitted 1898-99.

The Courses 1, 2 and 3, called *Descriptive Chemistry*, include also *Experimental and Theoretical Chemistry*. Instruction is given by text-books, by lectures, and by individual laboratory work on the part of the student. The lectures are illustrated by experiments and colored charts and by black-board exercises.

Physics

1, 2, 32. *General Course*. Lectures illustrated by experiments, with occasional written examinations and problems. Three hours. First Term, Mechanics and Acoustics. Second Term, Molecular Physics. Third Term, Optics. Elective for Sophomores and Juniors. Open only to those who have passed with credit Mathematics 1, 3, 2.

Astronomy

[1. *General Astronomy*. Young's *General Astronomy*, with lectures. Three hours. First Term. Elective for Sophomores, Juniors and Seniors.

2, 6. *General Astronomy continued*. Three hours. Second and Third Terms. Elective for those who have passed in Course 1.] Omitted 1898-99.

1, 2, 3. *Physical Geography*. Form, size and motions of the earth, and their geographical consequences. General distribution of land and water. Land formations. Oceans and ocean basins. The atmosphere—winds, rainfall, weather, weather maps, weather prediction, climate. Effect of form, climate, resources, food supply, etc., upon the distribution of population and History of Man. Elective for Sophomores, Juniors and Seniors. Three hours. Through the year.

Comparative Anatomy

15, 1, 2. *Introductory Biology.* [*Anatomy, Physiology and Hygiene.*] Four hours, six hours' attendance.

In 1898-99 dissection will be optional for those not desiring to elect other courses in the department.

Though this course is planned for those desiring only a general knowledge of these subjects, it should be elected by those intending to pursue the more special courses to be offered by the department.

The student will gain a knowledge of the gross and minute anatomy of the human body sufficient for the understanding of the functions of the nervous, respiratory, digestive, circulatory, secretory, excretory, and reproductive systems.

The frog and the cat will be dissected and the laboratory work supplemented by the use of anatomical preparations of the human body and by the other resources of the University, museum and laboratory. Incidentally the student will become familiar with the use of the microscope and other laboratory apparatus.

Hygiene and sanitary science, e. g.—the application of biological principles to daily life, will receive especial attention.

Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy, and for Sophomores, Juniors and Seniors.

22, 23, 24. *Hygiene and Home Sanitation.* The following topics will be considered: The chemistry, digestion and economics of food; the impurities of air and water; the relation of bacteria to health and disease; disinfection and the restriction of communicable diseases; emergencies and home nursing. The situation, drainage, plumbing, heating, lighting and ventilation of houses and other questions of home sanitation will receive attention. Certain hospitals will be visited and lectures and demonstrations will be given by nurses and physicians. Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

In 1898-99 this course will be modified so that it may be elected without previous work in the department.

Botany

1, 2, 3. *Vegetable Morphology.* Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy. Four hours. Elective for Sophomores. Three hours.

Through the courtesy of the department, and with the consent of the President, students of the Women's College are permitted to attend the advanced classes at the University, on recommendation of the Dean.

Physical Culture

In response to a demand for some systematic attention to the physical well-being of college students, this department was established in 1897-98, and will be extended during the coming year.

The Assembly Hall is supplied with light apparatus, and furnishes a light, well-ventilated and commodious temporary gymnasium.

The work is both corrective and recreative—the Swedish system is in use and special attention is given to individual requirements. A physical examination with essential measurements is given each student upon her entrance into the department, and frequent tests taken to note condition and degree of progress.

Full encouragement is given to all games and sports, as recreation work is considered especially valuable for college girls. There are two newly graded courts for tennis in the rear of the building; and provision for pin-polo and basket-ball in the Hall. Also for lighter games which serve to divert the mind, enliven both mental and physical forces, demanding skill of hand, with prompt and alert action.

Class work will be three hours a week from October to May, required of Freshmen and Sophomores, elective for Juniors and Seniors. Each student will be marked in her term report according to faithfulness, punctuality and progress in daily work.

Suggestions for a Course Preparatory to Teaching

Proper preparation for teaching requires (1) a general preparation which shall make possible a broad view of the field, so that the general subject-matter of each department of instruction may be clearly defined; (2) special preparation in those subjects which it is the purpose to teach; (3) the pursuit of those studies which are professional in character and which make plain the aim, means and methods of education in general, and of instruction in special subjects in particular.

I. General Preparation:

Every teacher should have a thorough course in English.

Every teacher should have knowledge of at least the elements of the fundamental subjects of instruction.

Latin { Greek } French German Mathematics History
Physics Chemistry

Also of at least one of the following:

Botany Zoology Geology Astronomy Physical Geography

II. Special Preparation:

Any subject may be chosen. However, as teachers are usually required to teach or at least be prepared to teach in more than one subject, if there is specialization in any subject in the following groups, the other subject or subjects in that group should receive special attention.

- | | | |
|-----------------------------|-------------------------------------|--|
| 1. { Latin
Greek } | 2. { French
German } | 3. { History
Social or Political Science, Political Economy } |
| 4. { Physics
Chemistry } | 5. { Botany
Zoology
Geology } | |

Specialization in English should be accompanied by specialization in any of the groups, particularly groups 1, 2 and 3.

Specialization in Mathematics is particularly appropriate to specialization in the sciences, and *vice versa*.

III. Professional Studies.

Psychology	2, 3.	Junior.
Logic	19.	Junior.
Ethics	5, 6, 15.	Senior.
Pedagogy	1, 2, 3.	Senior.

For those who wish to fit themselves for positions as superintendents or heads of educational institutions, courses in Philosophy and in Social and Political Science are especially valuable.

IV. Graduate Course.

The Graduate Course in Pedagogy is arranged for those who wish a more thorough preparation for their work than the above suggestions offer. Pedagogy 4, 5, 6; 7, 8, 9; 10, 11, 12, constitute a major course for the degree of Master of Arts. It is recommended that the subject in which the candidate proposes to give instruction as a teacher, be chosen for a minor.

Expenses

Students at the Women's College pay the same amount as other students of the University.

For Tuition: Each full course of study at the Women's College involving the usual sixteen hours of class room attendance and instruction a week costs \$105.00 per year.

No deduction in tuition is made on account of absence.

For Incidentals: Students in the Women's College pay the same fee as other undergraduate members of the University for incidental expenses, \$45.00 per year.

One-half of the tuition and of the incidental expenses are to be paid in advance. The remainder is due January first. Laboratory expenses, etc., to be paid two weeks before the close of a term.

Matriculation: Every member of the Freshman Class pays, upon admission to the College, a matriculation fee of \$5.00.

Graduation: Every member of the Senior Class pays at the close of her course a fee of \$8.00 for her diploma and other expenses connected with graduation.

Select Students at the Women's College are charged \$10.00 per term for each course holding three recitations per week. Laboratory charges are in addition to this.

For expenses in connection with the Graduate Department see Brown University Catalogue.

All students, graduate or undergraduate, who take the courses specified below, pay the following special sums:

1. In Chemistry

Candidates for a University degree who take Courses 1, 2 or 3 in Chemistry are charged as follows: For Course 1, \$1.00; for Course 2, \$2.00; for Course 3, \$3.00. They also have a special charge for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed \$2.00 per term.

Special students who take no University studies except Courses 1, 2, 3 in Chemistry, pay for these \$10.00 per term. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed \$2.00 per term.

Students who are candidates for a University degree and take advanced courses in Analytical Chemistry are charged

per term, in addition to the regular University dues, the sum of \$10.00 for a three hour course in the Laboratory, and \$20.00 for a six hour course in the Laboratory. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed \$3.00 per term.

Special students who take no University studies except advanced courses in Analytical Chemistry are charged varying sums according to the nature of the courses taken. In an individual case the charge is at the rate of \$4.00 per term for one hour per week of actual attendance in the Laboratory. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed \$5.00 per term.

Special students engaging places in the Laboratory must each pay for a full term. No deductions are made on account of absence.

2. Physics

Candidates for a degree who study in the Physical Laboratory pay, in addition to the regular University dues, a fee of \$5.00 per term.

3. In Botany

Students who take Courses 1, 2, 3, 4, 5, 6, in Botany pay, in addition to the regular University dues, a fee of \$3.00 per term.

4. In Comparative Anatomy

Students in Comparative Anatomy pay, in addition to the regular dues, a fee of not less than \$2.00 or more than \$5.00 per term for each course.

Scholarships and Premiums

The Sarah E. Doyle Scholarship for young women, consisting of one thousand dollars, has been founded by the lady whose name it bears, the income to be applied toward the

payment of the tuition of students in the Women's College who have been prepared for college in the Providence High School.

The sum of one thousand dollars has been paid to the Treasurer of the University to be known as "The Sarah Sutton Scholarship for young women, founded by one of her eight daughters." The donor reserves the right to nominate candidates for this scholarship for a certain number of years.

The Daniels Scholarship of twenty-five hundred dollars. The income to be used toward paying the expenses of one or more women pursuing studies either in the University or in the Women's College adjunct thereto.

The Joseph Thayer Scholarship of sixty-five hundred dollars. The income shall be for the education of any young man *or woman*, who is a resident of the town of Uxbridge, desiring a liberal education.

The Rhode Island Women's Club annually devotes the income of its Churchill Fund toward the payment of the tuition of some worthy student in the Women's College.

The Gaspee Chapter Daughters of the American Revolution Prize of forty dollars, offered by the Gaspee Chapter of D. A. R., is to be paid annually to that student in the Graduating Class of the Women's College who shall present the best essay upon some topic in American history. The topic for the year 1897-98 was "The Southern Campaigns of General Greene." Miss Emily Gardner Munro was the successful competitor. The topic for the year 1898-99 is "The Diplomatic History of France and the United States, from 1776 to 1783." The essays are to bear each an assumed name, but to be accompanied each by an envelope marked with such assumed name and enclosing a sheet of paper with the candidate's real name and address. The essays must be handed to the Dean of the Women's College before May 1, 1899. The award will be announced on Commencement Day, when the topic for the ensuing year will be named.

The students of the Women's College are entitled to compete in all examinations for premiums and prizes offered by Brown University. (See Catalogue p. 203) Women candidates successful in first premium contests receive collateral prizes awarded by the Dean.

Boarding

Ladies from a distance wishing to avail themselves of the educational opportunities offered by the University can find homes in excellent private families in the neighborhood of the College. Every effort will be made to arrange for any who may apply either to the Dean or to the President.

Further information in regard to the work of the Women's Classes may be secured, and Catalogues obtained by addressing the undersigned.

LOUIS F. SNOW, A. M.,

Dean.

Pembroke Hall,
Providence, R. I.





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ACADEMIC YEAR 1899-1900



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1899

ANNUAL ANNOUNCEMENT

The Graduate Department in Brown University places women on exactly the same footing as men. In respect to instruction, examinations, and degrees, the two sexes are treated precisely alike. The expenses, too, are the same.

Instruction for undergraduate women is provided for as follows:

There is established a department of the University known as the Women's College in Brown University.

The President of the University is charged with the general direction, supervision and government of this College as of other departments of the University.

The immediate charge of the college in respect to registration, teaching, government and discipline, devolves, subject to the direction of the President, on the Dean of the Women's College, elected annually by the Corporation.

The instruction in the Women's College is given by the professors and instructors in Brown University.

Brown University examinations are open to women only when they are registered in the Women's College or as graduate students.

The Corporation will receive gifts of money to found scholarships, fellowships, and professorships in Brown University for the behoof of its women students, and for the general purposes of the Women's College, and will hold and administer such funds as separate and distinct from the general funds of the University.

The condition's of women's examinations upon undergraduate work are as follows:

Women take entrance examinations at the same times and places and under the same conditions as men. But women

candidates may present certificates in place of entrance examinations, subject to the same conditions which apply to men. All women's examinations in college studies are to be taken at the University, none elsewhere.

To be admitted to advanced examinations, candidates must have passed entrance examinations, as well as all examinations which cover the work of previous terms.

The subjects for women's examinations, when not identical with those in the courses of instruction given in the University, in all cases closely correspond to them.

The Ninth Academic Year of the Women's College begins Wednesday, September 20, 1899, with Chapel Service in Sayles Hall, at 8.40 A. M. At the close of this the classes will begin their session according to the schedule.

The required studies of the four years will be provided for as indicated below. Only such elective courses are mentioned as it is thought will prove attractive to the majority of the women students. It is highly desirable that election be confined as far as possible to the courses named. Individual preferences in electives may be specially provided for by consultation with the Dean.

Before each University examination period the Dean of this College files with the Registrar of the University a list of all undergraduate candidates for University examinations who are approved by the instructors in the Women's College, thus certifying to the fitness of the candidates to undertake the examinations desired; but no candidate will be approved whose term bill is not paid or satisfactorily arranged for, *at least five days previous to the beginning of each examination period.*

OFFICERS OF INSTRUCTION.

With their Titles in Brown University.

WILLIAM HERBERT PERRY FAUNCE, D. D., PRESIDENT.

LOUIS FRANKLIN SNOW, A. M., DEAN.
Office, Pembroke Hall.

EMMA BRADFORD STANTON, PH. B.
Assistant Registrar.

BENJAMIN FRANKLIN CLARKE, A. M., Sc. D.
Professor of Mechanical Engineering.

JOHN HOWARD APPLETON, A. M.
Newport-Rogers Professor of Chemistry.

WILLIAM CAREY POLAND, A. M.
Professor of the History of Art, and Director of the Museum of Fine Arts.

NATHANIEL FRENCH DAVIS, A. M., LL. D.
Professor of Pure Mathematics.

WILLIAM WHITMAN BAILEY, A. M.
Professor of Botany.

ALBERT GRANGER HARKNESS, A. M.
Professor of Roman Literature and History.

HERMON CAREY BUMPUS, PH. D.
Professor of Comparative Anatomy and Curator of the Museum.

COURTNEY LANGDON, A. B.
Professor of the Romance Languages and Literatures.

WILFRED HAROLD MUNRO, A. M.
Professor of European History.

JAMES IRVING MANATT, PH. D., LL. D.
Professor of Greek Literature and History.

WALTER GOODNOW EVERETT, PH. D.
Professor of Philosophy and of Natural Theology on the Elton Foundation.

ASA CLINTON CROWELL, PH. D.
Assistant Professor of Germanic Languages and Literatures.

FRANCIS GREENLEAF ALLINSON, PH. D.

David Benedict Professor of Classical Philology.

HENRY PARKER MANNING, PH. D.

Assistant Professor of Pure Mathematics.

HAMMOND LAMONT, A. B.

Professor of Rhetoric and Oratory.

JAMES QUAYLE DEALEY, PH. D.

Associate Professor of Social and Political Science.

WALTER BALLOU JACOBS, A. M.

Associate Professor of Pedagogy.

CHARLES FOSTER KENT, PH. D.

Professor of Biblical Literature and History.

ALBERT KNIGHT POTTER, A. M.

Associate Professor of English.

ALBERT BUSHNELL JOHNSON, A. M.

Assistant Professor of Romance Languages.

ALEXANDER MEIKLEJOHN, PH. D.

Assistant Professor of Philosophy.

JOHN FRANCIS GREENE, A. B.

Instructor in Latin.

FREDERICK SLOCUM, PH. D.

Instructor in Mathematics.

CHARLES MARSHALL POOR, PH. D.

Instructor in German.

EDWARD EVERETT THOMPSON, A. B.

Instructor in German.

CLARENCE DAVID WOOD, A. M.

Instructor in English.

GEORGE WYLLYS BENEDICT, PH. D.

Instructor in English.

ADA GENEVA WING, A. M.

Instructor in Physiology, Hygiene and Sanitary Science.

MABEL LOUISE POTTER, A. M.

Instructor in Physical Culture.

ADVISORY COUNCIL.

MISS SARAH E. DOYLE,
MRS. ELIZA G. RADEKE,

MISS AMELIA S. KNIGHT,
MRS. A. I. C. D. AMES.

The Advisory Council, appointed under the authority of the Corporation, advises with the President and with the Dean upon matters relating to the Women's College, and from time to time makes to the Advisory and Executive Committee or to the Corporation such recommendations in reference to the Women's College as the Council deems fitting.

STANDING COMMITTEES OF THE FACULTY

On Admission to the Freshman Class—Professors CLARKE, WILLIAMS, DAVIS, HARKNESS, LANGDON, MUNRO, WILSON, MANATT and LAMONT, Dean SNOW.

On Admission to Advanced Standing—Professors DAVIS, DELABARRE, MANNING and MEAD, Messrs. GUILD and JOHNSON, Dean SNOW.

On Absences—Professor HAMMOND LAMONT, Chairman; Professor CHARLES FOSTER KENT, Miss ADA GENEVA WING, Dean SNOW.

ADMISSION TO COURSES LEADING TO DEGREES.

Pupils from schools of known excellence are admitted to the Freshman Class without examination, on the certificates [not diplomas] of the Principals of these schools. Upon application by the Principal of any school from which pupils are received in this manner, the University furnishes blank forms for these certificates.

The regular examinations for admission to the FRESHMAN CLASS take place on Thursday, Friday and Saturday, of Commencement week, June 22, 23 and 24, 1899, beginning at 9 o'clock, A. M. on Thursday. Candidates must present themselves promptly at the appointed times.

The order of the examinations will be :

THURSDAY, JUNE 22.

Greek, Wilson 2, 9 A. M. to 12.30 P. M.

Latin, Wilson 25, 1.30 P. M. to 5 P. M.

History, Wilson 27, 9 A. M. to 11 A. M.

FRIDAY, JUNE 23.

Algebra, Wilson 27, 8 A. M. to 10 A. M.

Geometry, Wilson 27, 10 A. M. to 12 M.

German, Wilson 2, 1 P. M. to 3 P. M.

French, Wilson 25, 4 P. M. to 6 P. M.

SATURDAY, JUNE 24.

English, Wilson 26, 9 A. M. to 11 A. M.

A second examination in each of the above branches will be offered on Monday, Tuesday and Wednesday, September 19, 20 and 21, 1899, as follows :

MONDAY, SEPTEMBER 18.

Greek, Wilson 2, 9 A. M. to 12.30 P. M.

Latin, Wilson 25, 1.30 P. M. to 5 P. M.

History, Wilson 27, 9 A. M. to 11 A. M.

TUESDAY, SEPTEMBER 19.

Algebra, Wilson 27, 8 A. M. to 10 A. M.

Geometry, Wilson 27, 10 A. M. to 12 M.

German, Wilson 2, 1 P. M. to 3 P. M.

French, Wilson 25, 4 P. M. to 6 P. M.

WEDNESDAY, SEPTEMBER 20.

English, Wilson 26, 9 A. M. to 11 A. M.

For admission to **ADVANCED STANDING**, unless coming from other Colleges of high standing, candidates are examined in the studies already pursued by the respective classes which they propose to enter. These examinations for 1899 will be held on Monday and Tuesday, September 18 and 19. Students must report at the Dean's Office at 9 A. M. on Monday, September 18. A student from another College must present a certificate of her standing in the College which she has left and of regular dismissal from it.

Qualified members of the Freshman Class are matriculated at the beginning of the second term. Till matriculation, all candidates for degrees, however admitted, are regarded as on probation.

ENTRANCE EXAMINATIONS FOR CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS.

Unless admitted by certificate, or admitted to advanced standing, every candidate for the degree of Bachelor of Arts, must pass before entering, examinations as follows:

MATHEMATICS

1. Algebra, through equations of the second degree.

Although candidates are not examined in Arithmetic, a knowledge of the fundamental principles and a careful training in accurate computations with whole numbers and with vulgar and decimal fractions are regarded as essential parts of a preparatory course. Candidates for the degree of Civil Engineer and Mechanical Engineer are especially requested not to neglect this subject.

The requirement in Algebra includes the following subjects: factors, common divisors and multiples; fractions, ratios and proportions; negative quantities and the interpretation of negative results; the doctrine of exponents; radicals and equations involving radicals; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; putting questions into equations and the reduction of equations; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities, and of problems leading to such equations; arithmetical and geometrical progression.

It is very important that the student should acquire a thorough knowledge not only of the practice, but also of the reasons involved in the elementary algebraic rules. He should likewise be able to use readily the more important formulæ, as, for example, the quadratic formula.

2. Plane Geometry.

The requirement in Plane Geometry includes the propositions which are contained in the ordinary treatises, and which are recognized as constituting the elements of Geometry, original propositions and problems in mensuration.

Teachers of Geometry should lay stress on accuracy of statement and elegance of form as well as on clear and strict reasoning. They should avoid mere memory work, and should take special care in the proof of a proposition that no lines be drawn unless their construction is proved to be possible.

The school curriculum ought to be so arranged that not a single term, much less a year, should pass without some time being given to a mathematical subject. For a four year course an average of two and one-half hours per week during that time will give the best results.

ENGLISH

The examination in English consists of two parts; one to test the candidate's general reading, the other to bring out the results of his more careful study and practice. The entire examination occupies not less than two hours.

1. *Reading and Practice.* In this part the candidate must exhibit a good general knowledge of the subject matter of each work, and answer simple questions on the lives of the authors. The usual form of examination is the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number, perhaps ten or fifteen, named in the examination paper. This writing is intended to test his power of clear and accurate expression. In place of a part of this exercise, the candidate may, under special circumstances, be allowed to present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading.

In 1899 the books for this portion of the examination will be: Dryden's *Palamon and Arcite*, Pope's *Iliad*, books i, vi, xxii and xxiv, the *Sir Roger De Coverley Papers* in the *Spectator*, Goldsmith's *Vicar of Wakefield*, Coleridge's *Ancient Mariner*, De Quincey's *Flight of a Tartar Tribe*, Cooper's *Last of the Mohicans*, Lowell's *Vision of Sir Launfal* and Hawthorne's *House of the Seven Gables*.

In 1900: Dryden's *Palamon and Arcite*, Pope's *Iliad*, books i, vi, xxii, xxiv, the *Sir Roger De Coverley Papers* in the *Spectator*, Goldsmith's *Vicar of Wakefield*, Scott's *Ivanhoe*, De Quincey's *Flight of a Tartar Tribe*, Cooper's *Last of the Mohicans*, Tennyson's *Princess* and Lowell's *Vision of Sir Launfal*.

In 1901 and 1902: Shakspeare's *The Merchant of Venice*, Pope's *Iliad*, books i, vi, xxii and xxiv, the *Sir Roger De Coverley Papers* in the *Spectator*, Goldsmith's *the Vicar of Wakefield*, Coleridge's *The Ancient Mariner*, Scott's *Ivanhoe*, Cooper's *The Last of the Mohicans*, Tennyson's *The Princess*, Lowell's *The Vision of Sir Launfal*, George Eliot's *Silas Marner*.

2. *Study and Practice.* This part requires a more careful study of each of the works named. It involves subject-matter, form and structure, and more particularly than Part 1, tests the candidate's ability to express his knowledge with clearness and accuracy.

In 1899 the books for this portion of the examination will be: Shakspeare's *Macbeth*, Milton's *Paradise Lost*, books i and ii, Burke's *Speech on Conciliation with America*, and Carlyle's *Essay on Burns*.

In 1900: Shakspeare's *Macbeth*, Milton's *Paradise Lost*, books i and ii, Burke's *Speech on Conciliation with America*, and Macaulay's *Essays on Milton and Addison*.

In 1901 and 1902: Shakspeare's *Macbeth*, Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*, Burke's *Speech on Conciliation with America*, Macaulay's *Essays on Milton and Addison*.

The candidate is encouraged to do reading parallel and subsidiary to the books mentioned above; she is recommended to commit to memory as much English poetry as possible, and to pay close attention to the essentials of grammar. A candidate will not be accepted in English, whose work is obviously defective in spelling, punctuation, idiom or divisions into paragraphs.

GREEK

1. Authors: Xenophon's *Anabasis* entire, or four books of the *Anabasis* and three of Homer, regard being had not only to language but to subject-matter as well. Two books of the *Hellenica* may be offered in place of a like amount of the *Anabasis*; and preparation in Homer may be in either the *Iliad* or the *Odyssey*.

2. Grammar: A familiar knowledge of inflection, word-formation and ordinary syntax.

3. Composition: The first twenty-five exercises of Jones's *Composition*, or Allinson's *Composition* as far as part iii, or Collar and Daniell's entire.

4. History: The general history of Greece to the death of Alexander.

Candidates are expected to be able to translate at sight simple Attic prose, unusual words being defined, and to write in Greek simple connected narrative based upon the *Anabasis* or the *Hellenica*.

Instructors in preparatory schools are urged to insist upon the use of simple and idiomatic English in translation of Greek.

LATIN

1. Caesar, *Gallic War*, books i-iv, or books i-iii and Sallust's *Catiline*, with questions on the subject-matter and on grammar.

2. Ovid, twenty-five hundred lines.

3. Cicero, the *Orations* against *Catiline* and the *Oration* for *Archias*, with questions as on Caesar.

4. Vergil, *Aeneid*, books i-vi, or books i-v and the *Eclogues*, with questions on the subject-matter and on prosody.

5. Translation at sight of ordinary passages from Caesar, Cicero's *Orations*, Vergil's *Aeneid* and Ovid's *Metamorphoses*, with questions on grammar, prosody, history and antiquities, suggested by the passages assigned.

6. Translation into Latin of simple English sentences.

7. Translation into Latin of a continuous passage of English narrative, prepared from some portion of the prescribed prose.

8. Outline of Roman geography, and of Roman history to the end of the reign of Marcus Aurelius.

It is recommended that pupils be accustomed, from the beginning of their preparatory course to translate into Latin, both orally and in writing, passages prepared by the teacher on the basis of the prose authors read.

In pronouncing Latin, *ā* should be pronounced as in *father*, *ǣ* as in *Cuba*; *ē* as in *prey*, *ĕ* as in *men*; *ī* as in *machine*, *ĭ* as in *cigar*; *ō* as in *old*, *ō* as in *obey*; *ū* as in *rule*, *ŭ* as in *full*; *j* as *y* in *yard*; *c* always as *k* in *king*; *g* always as in *get*.

Instructors in preparatory schools are urged to insist upon the use of simple and idiomatic English in translation of Latin.

PRELIMINARY EXAMINATIONS IN THE CLASSICS

In the studies named below, candidates may be examined one year before the time at which they intend to apply for admission to the Freshman Class. These examinations will occur, in 1899, on Thursday, June 22, *and then only*. They will be held in the South Room of Rhode Island Hall, in the following order:

Greek, 9 A. M. to 11 A. M.

Latin, 11.30 A. M. to 1.30 P. M.

The subjects will be:

Greek.—1. Greek Grammar; 2. Three books of Xenophon's *Anabasis*.

Latin—1. Latin Grammar; 3. Caesar, or Caesar and Sallust, as above; 3. Translation into Latin of simple sentences; 4. Ovid or Cicero or Vergil, as above.

FRENCH OR GERMAN.

Each candidate must pass examination upon a certain amount either of French or of German, as he chooses. Candidates who present German for entrance must continue German during the Freshman year, and must take French in their Sophomore year; candidates who present French must continue French in their Freshman year, and must take German in their Sophomore year; candidates who present both French and German may take their choice as to which they will continue in the Freshman year.

FRENCH.

For candidates who offer French the requirements are as follows:

1. Proficiency in elementary French grammar, implying, especially, familiarity with the following topics; inflection of nouns and adjectives in gender and number; the pronominal adjectives; the use of pronouns, especially the forms and positions of personal pronouns; the partitive constructions; the inflection of the regular verbs and of the more usual irregular verbs, such as *dire*, *faire*, and the classes represented by *ouvrir*, *sentir*, *venir*, *paraître*, *conduire* and *craindre*.

The mention of these topics is not to be understood as restrictive, but is meant rather to emphasize the importance of a thorough grounding of the pupil in those elements in which future good work necessarily depends. Mastery of Whitney's Brief French Grammar will be regarded as sufficient.

2. Ability to translate simple prose at sight.

It is believed that the required facility can be gained by reading, concurrently with the grammar work, from two hundred to four hundred duodecimo pages, of at least three dissimilar works. Care should be taken not to read works assigned in the college courses.

3. Ability to pronounce French and to recognize French words and simple phrases when spoken.

It is recommended that from the beginning careful attention be given to the fluent and intelligent pronunciation of the French texts used in the class-room.

GERMAN.

For candidates who offer German the requirements are as follows :

1. Proficiency in elementary German grammar, implying, especially, familiarity with the following topics; declension of such nouns as are readily classified and of adjectives and pronouns; conjugation of weak and of the more usual strong verbs; the commoner prepositions; the simpler uses of the model auxiliaries; the simple rules of syntax and of word order.

The mention of these topics is not to be understood as restrictive, but is meant rather to emphasize the importance of a thorough grounding of the pupil in those elements on which future good work depends. Mastery of Whitney's Brief German Grammar will be regarded as sufficient.

2. Ability to translate a passage of simple prose at sight, when a vocabulary of the less usual words is furnished.

It is believed that the required facility can be gained by reading, concurrently with the grammar work, two hundred duodecimo pages of easy German, chiefly narrative prose, with a few lyric poems. Care should be taken not to read the work assigned in the college courses.

3. Ability to pronounce German and to recognize German words and simple phrases when spoken.

It is recommended that from the beginning careful attention be given to the fluent and intelligent pronunciation of the German texts used in the class-room.

ENTRANCE EXAMINATIONS FOR CANDIDATES FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

Unless admitted by certificate or admitted to advance standing, every candidate for the degree of Bachelor of Philosophy must pass before entering, examinations as follows :

MATHEMATICS.

The same requirement as for candidates for the degree of Bachelor of Arts.

ENGLISH.

The same requirement as for candidates for the degree of Bachelor of Arts.

FRENCH OR GERMAN.

The same requirement as for candidates for the degree of Bachelor of Arts.

LATIN.

The same requirement as for candidates for the degree of Bachelor of Arts.

SUBSTITUTES FOR LATIN

Instead of the requirement in Latin either one of the four substitutes below described is accepted.

Substitute 1. Minor Requirement in Latin. For pupils nineteen years of age or over, who offer proof of attainments in general subjects such as a diligent and competent student would derive from two years full attendance at a good high school or academy, the above requirement in Latin is reduced to five books of Caesar or its equivalent in Cicero, Vergil or other standard authors. Students offering only this smaller amount of Latin cannot, however, pursue any of the Latin courses in college.

Substitute 2. Greek. Instead of the Latin specified above, whether the major or the minor requirement, candidates for the degree of Bachelor of Philosophy may offer the Greek required for candidates for the degree of Bachelor of Arts. Students fulfilling this requirement are permitted to pursue Greek in college.

Substitute 3. German. Candidates who have already presented French, may also present German, in which case no Latin examination is required.

Substitute 4. French. Candidates who have already presented German, may also present French, in which case no Latin examination is required.

HISTORY

Either the general history of Greece to the death of Alexander, and Roman history to the end of the reign of Marcus Aurelius; or the general history of England and the United States.

ENTRANCE EXAMINATIONS FOR CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE

Unless admitted by certificate or admitted to advanced standing, every candidate for the degree of Bachelor of Science must pass before entering, examinations as follows:

MATHEMATICS

1. The same requirement as for candidates for the degree of Bachelor of Arts.

Also :

2. Solid and Spherical Geometry.
3. Plane Trigonometry, with the use of logarithmic and trigonometric tables.

ENGLISH

The same requirement as for candidates for the degree of Bachelor of Arts.

FRENCH OR GERMAN.

The same requirement as for candidates for the degree of Bachelor of Arts.

LATIN

Five books of Caesar or the equivalent thereof in Cicero or Vergil.

SUBSTITUTES FOR LATIN

Substitute 3 or 4 as offered to candidates for the degree of Bachelor of Philosophy.

HISTORY

The same requirement as for candidates for the degree of Bachelor of Philosophy.

ENTRANCE EXAMINATIONS FOR CANDIDATES FOR THE DEGREE OF CIVIL ENGINEER OR OF MECHANICAL ENGINEER

MATHEMATICS

The same requirement as for candidates for the degree of Bachelor of Arts.

ENGLISH

The same requirement as for candidates for the degree of Bachelor of Arts.

FRENCH OR GERMAN

The same requirement as for candidates for the degree of Bachelor of Arts.

Admission to Special Courses.

Pupils are admitted to select courses covering but single terms, and even to work in single branches. Each applicant for registration in such a course must present to the Dean sufficient evidence of her ability to pursue the subject chosen. Also every select student, unless especially excused by the Dean and by the Professor in charge of her course, must prepare for and pass an examination at the completion of her course. To be admitted to advanced examinations, candidates must have passed all entrance examinations, as well as all examinations which cover the work of previous terms.

The Courses of Instruction

Arranged According to Years and Terms

Required Studies

FRESHMAN YEAR

1. Of all candidates for all degrees :

*French 1	3 h.	French 2	3 h.	French 3	3 h.
or		or		or	
*German 4	3 h.	German 6	3 h.	German 8	3 h.
Mathematics 1	5 h.	Mathematics 3	5 h.	Mathematics 2	5 h.

2. Of all candidates for the degree of A. B.

Greek 1	4 h.	Greek 2	4 h.	Greek 3	4 h.
Latin 1	4 h.	Latin 2	4 h.	Latin 3	4 h.

3. Of all candidates for the degree of Ph. B.

Rhetoric 2	4 h.	Rhetoric 3	4 h.	Rhetoric 4	4 h.
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4. Candidates for the degree of Ph. B. may substitute for the above ancient languages from the following :

Botany 1	4 h.	Botany 2	4 h.	Botany 3	4 h.
Comp. Anat. 15	4 h.	Comp. Anat. 1	4 h.	Comp. Anat. 2	4 h.

SOPHOMORE YEAR

Rhetoric 2	4 h.	Rhetoric 3	4 h.	Rhetoric 4	4 h.
German 1	3 h.	German 2	3 h.	German 3	3 h.
or		or		or	
*French A	3 h.	French B	3 h.	French C	3 h.

and sufficient electives to make up sixteen hours per week.

JUNIOR YEAR

History 1	3 h.	History 2	3 h.		
Rhetoric 33	1 h.	Rhetoric 34	1 h.	Rhetoric 35	1 h.

and sufficient electives to make up sixteen hours per week.

SENIOR YEAR

Elective studies, fifteen hours per week, may be selected from the Elective List, or by consultation with the Dean on or before September 13.

*[Students who pursue French 1, 2, 3, during Freshman year, must take German 1, 2, 3, during Sophomore year. Those who pursue German 4, 6, 8, during Freshman year, must take French A, B, C, during Sophomore year.]

ELECTIVE STUDIES

English 1	3 h.	English 2	3 h.	English 3	3 h.
English 31	3 h.	English 32	3 h.	English 33	3 h.
German 4	3 h.	German 6	3 h.	German 8	3 h.
German 46	3 h.	German 47	3 h.	German 48	3 h.
French 4	3 h.	French 5	3 h.	French 6	3 h.
Italian 7	3 h.	Italian 8	3 h.	Italian 9	3 h.
Latin 11	3 h.	Latin 12	3 h.	Latin 13	3 h.
Greek 28	3 h.	Greek 29	3 h.	Greek 30	3 h.
History of Art 1	3 h.	History of Art 4	3 h.	History of Art 6	3 h.
Hebrew History	3 h.	Hebrew History	3 h.	Hebrew History	3 h.
				History 3	3 h.
Mathematics 9	3 h.	Mathematics 10	3 h.	Mathematics 12	3 h.
History 15	3 h.	History 11	3 h.	History 16	3 h.
Chemistry 1	3 h.	Chemistry 2	3 h.	Chemistry 3	3 h.
Astronomy 1	3 h.	Astronomy 2	3 h.	Astronomy 6	3 h.
Comp. Anat. 15	4 h.	Comp. Anat. 1	4 h.	Comp. Anat. 2	4 h.
Comp. Anat. 22	3 h.	Comp. Anat. 23	3 h.	Comp. Anat. 24	3 h.
Botany 1	3 h.	Botany 2	3 h.	Botany 3	3 h.
Social Science 1	3 h.	Social Science 2	3 h.	Social Science 3	3 h.
Philosophy 2	3 h.	Philosophy 3	3 h.	Philosophy 19	3 h.
Philosophy 3	3 h.	Philosophy 4	3 h.	Philosophy 10	3 h.
Pedagogy 1	3 h.	Pedagogy 2	3 h.	Pedagogy 3	3 h.
				Philosophy 6	3 h.

COURSES OF INSTRUCTION ARRANGED ACCORDING TO DEPARTMENTS.

Philosophy

NOTE: Some one complete course in this department is required of every candidate for a degree. By a complete course is understood all that is grouped together as a three-hour course under a single name in the accompanying announcements, whether it consists of one term's work or of several. The courses in Pedagogy cannot be taken to satisfy this requirement.

- [5. *Theoretical Ethics*. The moral idea. Three hours. First Term.
- 6. *Practical Ethics*. Three hours. Second Term. Elective for Juniors, Seniors and Graduates.] Omitted, 1899-1900.
- 15. *Practical Ethics*. Three hours. Third Term. Elective for Seniors.
- 2, 3. *Psychology*. General Synthetic Course. Three hours. First and Second Terms respectively. Elective for Juniors and Seniors.
- 8. *History of Greek Philosophy*. Three hours. First Term. Elective for Juniors, Seniors and graduates.
- 9. *History of Mediaeval and Early Modern Philosophy*. Three hours. Second Term. Elective for Juniors, Seniors and graduates who have passed in Course 8.
- 10. *History of Recent and Contemporary Philosophy*. Three hours. Third Term. Elective for Juniors, Seniors and graduates who have passed in Courses 8 and 9.
- 19. *Logic*. Three hours. Third Term. Elective for Sophomores, Juniors and Seniors.

Pedagogy.

- 1. History of Educational Theories and Institutions. Three hours. First Term.
- 2. The Institute of Pedagogy. Three hours. Second Term.
- 3. Practical Pedagogy. Three hours. Third Term.
Elective for Seniors.

Greek Literature and History.

- 1. *Lysias*. Three hours. *Greek Prose Composition*. One hour. First Term. Required of candidates for the degree of Bachelor of Arts.
Lysias, select orations and practice in sight reading.
- 2. *Plato*. Three hours. *Greek History*. One hour. Second Term. Required of candidates for the degree of Bachelor of Arts.

Plato, the Apology, Crito and Meno, with other selections for sight reading. The fourth hour is devoted to illustrated historical lectures in connection with the reading of a standard work on Greek history.

3. *Homer*. Three hours. *Greek Literature*. One hour. Third Term. Required of candidates for the degree of Bachelor of Arts.

Homer, the *Odyssey*, four books, rapid reading of other books; lectures on the life of the Heroic Age as revealed in the poems and illustrated by recent archaeological research.

One hour a week in the above courses is devoted to Greek Composition and History.

28. First Term. Lucian and the Dramatic Poets. Selections. Elective for Sophomores, Juniors and Seniors. Three hours. First term.

29. Second Term. Course 4 (Demosthenes and Theocritus) or course 29 (*Iliad* xviii-xxiv) as the class may elect.

30. Third Term. The Drama: Select Plays of Sophocles and Euripides.

Roman Literature and History.

1. *Livy*. Early Roman History. Four hours. First Term. Required of A. B. candidates.

2. *Cicero*. Letters. Cicero and his times. Four hours. Second Term. Required of A. B. candidates.

3. *Tacitus*. Germania and Agricola. History of the Early Empire. Four hours. Third Term. Required of A. B. candidates.

[7. *The Origin of Latin Poetry and the Development of the Drama*. Readings from Plautus and Terence. Three hours. First Term. Elective for all students who have passed with credit courses 1, 2, 3.

8. *The Poetry of the Republic continued and the Poetry of the Augustan Age*. Readings from Lucretius and other Authors of this period. Three hours. Second Term.

9. *The Poetry of the Silver Age*. Readings from Authors of the period. Three hours. Third Term. Elective for all students who have passed with credit courses 1, 2 and 3.] Omitted 1899-1900.

11. *Prose of the Republican Period*. The Development of Oratory. Readings from specimens of Early Latin, from Cicero's *Brutus*, and from Quintilian. Three hours. First Term.

12. *Prose of the Augustan Age*. The Development of Historical Writing: Readings from the Historians. Three Hours. Second Term.

13. *Prose of the Silver Age*. Roman Philosophers. Readings from Seneca and from other authors of this period. Three hours. Third Term. Elective for all students who have passed with credit courses 1, 2, 3.

[4. *Horace*. Odes and Epodes. Ovid's Lyrics. Lectures on Lyric Poetry. Three hours. First Term.

5. *Catullus, Tibullus and Propertius*. Lyric Poetry continued. Three hours. Second Term.

6. *The Satires of Horace and Juvenal*. Roman Life. Three hours. Third Term. Elective for all students who have passed with credit courses 1, 2, 3.] Omitted 1899-1900.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend certain seminary courses on the recommendation of the Dean.

The Fine Arts

History and Criticism

1. *Ancient Art or Classical Archaeology.* General course in the history of Ancient Art, chiefly Greek and Roman. Text-book. Lectures, illustrated by casts, lantern views, photographs, and engravings, with collateral reading. Three hours. First Term. Elective for Juniors, Seniors and graduates.

4. *Early Christian and Mediaeval Art.* This course includes some notice of Byzantine, Arabian and Oriental Art, (Persia, India, China, Japan), and more particularly a study of Romanesque and Gothic Art, Text-book and lectures, illustrated by lantern views. Three hours. First Term. Elective for Juniors, Seniors and graduates.

6. *The Art of the Renaissance* Text-book and lectures, illustrated by lantern views. Three hours. Third Term. Elective for Juniors, Seniors and graduates.

The above courses (1, 4, 6), may be taken independently of each other, but students are advised to elect all three, as they present a consecutive outline of the history of the most important epochs of Art. Course 1 is so important, not only in itself, but as preparatory to the study of Art in all periods, that students are strongly advised to take it, when possible, before taking any other course in the History of Art.

Music

[14. *Musical Introduction.* Three hours. First Term. Elective for Sophomores, Juniors and Seniors.

A general course which considers such of the elements of music and the principles of musical composition as will enable the student to listen to music with intelligent interest and genuine profit.

15a, 15b *Music and Musicians of the Nineteenth Century.* Three hours. Second and Third Terms. Elective for Sophomores, Juniors and Seniors.] Omitted 1899-1900.

A general course the aim of which is to acquaint the student with the life, works and style of Beethoven, Schubert, Schumann, Mendelssohn, Wagner and other famous composers of this century.

Rhetoric

2, 3, 4. *Practical Rhetoric.* Four hours. Through the year. Required of all Sophomores who have not taken the subject in the Freshman year and of Freshmen who are candidates for the degree of Bachelor of Philosophy.

33, 34, 35. *Argumentative Composition*. One hour. Through the year. Required of all Juniors.

English Literature and Language

Courses announced in groups are continuous. Thus a student cannot take English 5 without having taken English 4. Nor can he take English 6 without having taken English 4 and 5. The same principal applies to all courses similarly grouped. In all other instances prerequisites for admission to a course are especially announced.

1, 2, 3. *English Literature*. Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

General course, dealing with the greater poets and prose-writers from Spenser to Arnold. The aim is to cultivate the habit of thoughtful reading and the appreciation of literary form, and to give a general knowledge of the history of English literature.

31, 32, 33. *English Literature from Dryden to Burns*. Three hours. Through the year. Elective for students who have passed in 1, 2, 3 and for others at the discretion of the instructor.

Special attention to the development of the novel and to the beginnings of the romantic movement.

[18, 19, 37. *The English Novel*. Three hours. Through the year. Elective for students who have passed in 1, 2, 3.] Omitted 1899-1900.

Prose fiction from Sir Thomas Malory to George Eliot; chiefly the greater English novels of the eighteenth and nineteenth centuries. Students who cannot devote ten hours a week to reading should not elect the course.

History

1. *General Mediaeval History of Europe*. Recitations and Lectures, reports by members of the class, and supplementary readings. Three hours. First Term. Required of all Juniors.

2. *General Modern History of Europe*. Methods as indicated under Course 1. Three hours. Second Term. Required of all Juniors.

3. *The Reformation*. Third Term. Elective for Juniors, Seniors and graduates.

15. *Islam and the Crusades*. Recitations, informal lectures and supplementary reading. Three hours. First Term.

11. *The Renaissance*. Three hours. Second Term.

16. *The French Revolution*. Three hours. Third Term. Elective for Juniors and Seniors.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend the advanced classes at the University, on recommendation of the Dean.

Biblical History and Literature

[1. *The Beginnings of Hebrew History*. Three hours. First Term. Elective for Sophomores, Juniors and Seniors. Not offered in 1899-1900.

2, 3. *Hebrew History and Literature*. From the Settlement in Canaan to the Exile. Three hours. Second and Third Terms. Elective for Sophomores, Juniors and Seniors. Revised Edition of the Old Testament and Kent's *History of the Hebrew People*, Vol. I., II. (sixth edition).] Not offered in 1899-1900.

4. *History and Literature of the Jewish People*. From the Beginning of the Exile to the Maccabean Uprising. Three hours. First Term. Elective for Sophomores, Juniors and Seniors. Kent's *History of the Jewish People*.

5. *History of New Testament Times*. Study of the Life and Literature which Constitutes the Background of the New Testament. Three hours. Second Term. Elective for Sophomores, Juniors and Seniors. Rigg's *History of New Testament Times*.

6. *The Beginnings of Christianity*. Study of the Life and Teachings of Jesus and the Founding of the Christian Church. Three hours. Third Term. Elective for Sophomores, Juniors and Seniors. Rhees' *Life of Jesus*, Purves' *The Apostolic Age*.

Courses 1-6 are especially intended to meet the needs of the general student of Art, History, Social Science and Literature. They aim to give a broad and comprehensive view of the history, literature and teachings of the Bible. Courses 1-3 and 4-6 will be given in succeeding years. While they together constitute a unit, individual courses may be elected by students who cannot take the whole.

Social Science

1. *The Principles of Sociology*. With a study of Primitive Civilization. Lectures. Three hours. First Term. Elective for Juniors and Seniors.

2. *Social Problems and Conditions*. The Family, Marriage, Divorce; Charity, Penology, Pauperism, Criminology; Immigration, Intemperance, Education. Lectures. Three hours. Second Term. Elective for Juniors and Seniors.

3. *Social Problems and Conditions*. Continuation of Course 2. Also Studies into Questions of Labor, Municipal Government and Social Legislation. Lectures. Three hours. Third Term. Elective for Juniors and Seniors.

Political Science

[1. *The State*. Origin, development, forms, functions and end. The English Constitution. Three hours. First term. Elective for Juniors and Seniors.

2. *Constitutions of the United States*, local and national. Political Institutions of America, including those of the Spanish Republics. Three hours. Second Term. Elective for those students who have had Course 1.

3. *Comparative Study of Constitutions*. Special reference to the Constitutions of France, Germany and Switzerland. Three hours. Third Term. Elective for those students who have had Courses 1 and 2.] Omitted 1899-1900.

Germanic Languages and Literatures

1. *Elementary Course*. Reading at outset, Grammatical Drill. Three hours. First Term. Required of all Sophomores who did not present German for entrance.

2. *Intermediate Course*. Grammar, composition, conversation. Translation of selections in prose and verse from Goethe, Uhland, Schiller, Freytag, Benedix, Heyse. Three hours. Second Term. Required of all Sophomores who did not present German for entrance.

3. *Nineteenth Century Prose*. Reading at sight. Grammar, composition, conversation. Three hours. Third Term. Required of all Sophomores who did not present German for entrance.

4. *Lessing as Dramatist*. *Minna von Baanhelm*, *Emilia Galotti*. Lectures. Essays. Three hours. Second Term. Elective for students who have passed in Course 6.

6. *Schiller*. *Wilhelm Tell* and *Balladen and Romanzen*. Lectures. Essays. Three hours. First Term. Elective for students who have passed in Courses 1, 2 and 3.

8. *Goethe*. *Iphigenie auf Tauris*. *Götz von Berlichingen*. Lectures. Essays. Three hours. Third Term. Elective for students who have passed in Courses 6 and 4.

46, 47, 48. *Goethe's Faust, Parts I. and II.* Lectures. Essays. Three hours. Through the year. Elective for students who have passed in Course 6.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend the advanced classes in German Literature and Middle High German, at the University on the recommendation of the Dean.

Romance Languages and Literatures

French

A. B. C. *Elementary Course*. Grammar, composition and the reading of easy selections in modern French. Three hours. Through the year. The equivalent of the Elementary French required for admission. Required of all Sophomores who offer for admission German instead of French.

French, 1, 2, 3. *Modern French*. Rapid translation. Composition. Dictations. Three hours. Through the year. Required of Freshmen.

French 4, 5, 6. *Advanced Course* will cover both the Classic and the Romantic School, Moliere and Victor Hugo receiving special attention. Three hours. Through the year.

13, 14, 15. *Practice in Writing and Speaking French*. Three hours. Through the year. Elective for all who have passed with credit in French 1, 2, 3.

Italian

[1, 2, 3. *Introductory Course*. Grammar, composition and the reading of modern stories and plays. Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.] Omitted 1899-1900.

7, 8, 9. *Dante in English*. The whole of the *Divina Commedia* studied in English. Comparative study of this poem with Vergil's Aeneid, Milton's Paradise Lost, Goethe's Faust and Browning's The Ring and the Book. Three hours. Through the year. Elective for Juniors and Seniors at the instructor's discretion.

Mathematics.

1. *Geometry, Solid and Spherical*. Wells' Elements of Geometry, with original propositions. Five hours. First Term. Required of all candidates for the degree of Bachelor of Arts and Bachelor of Philosophy.

3. *Trigonometry, Plane and Spherical*. Wells' Trigonometrics. Five hours. Second Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

2. *Algebra*. Wells' College Algebra. Five hours. Third Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

9. *Analytic Geometry*. Bowser's Analytic Geometry. Three hours. First Term. Elective for those who have taken Courses 1, 2 and 3. Required of candidates for the degree of Bachelor of Science.

10. *Analytic Geometry*. Bowser's Analytic Geometry. Three hours. Second Term. Elective for those who have taken Course 9. Required of candidates for the degree of Bachelor of Science.

12. *Differential Calculus*. Rice and Johnson's Differential Calculus. Three hours. Third Term. Elective for those who have taken Courses 9 and 10. Required of candidates for the degree of Bachelor of Science.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend the advanced classes of the University, on recommendation of the Dean.

Chemistry

1. *Descriptive Chemistry*. Non-metals. Three hours. First Term. Elective for Sophomores.

2. *Descriptive Chemistry*. Metals. Continuation of Course 1. Three hours. Second Term. Elective for Sophomores.

3. *Descriptive Chemistry*. Carbon compounds. Continuation of Course 2. Three hours. Elective for Sophomores.

The Courses 1, 2 and 3, called Descriptive Chemistry, include also Experimental and Theoretical Chemistry. Instruction is given by text-books, by lectures, and by individual laboratory work on the part of the student. The lectures are illustrated by experiments and colored charts and by blackboard exercises.

Physics

[1, 2, 32. *General Course*. Lectures illustrated by experiments, with occasional written examinations and problems. Three hours. First Term, Mechanics and Acoustics. Second Term, Molecular Physics. Third Term, Optics. Elective for Sophomores and Juniors. Open only to those who have passed with credit Mathematics 1, 3, 2.] Omitted 1899-1900.

Astronomy

1. *General Astronomy*. Young's General Astronomy, with lectures. Three hours. First Term. Elective for Juniors and Seniors.

2, 6. *General Astronomy continued*. Three hours. Second and Third Terms. Elective for those who have passed in Course 1.

[1, 2, 3. *Physical Geography*. Form, size and motions of the earth, and their geographical consequences. General distribution of land and water. Land formations. Oceans and ocean basins. The atmosphere—winds, rainfall, weather, weather maps, weather prediction, climate. Effect of form, climate, resources, food supply, etc., upon the distribution of population and History of Man. Elective for Sophomores, Juniors and Seniors. Three hours. Through the year.] Omitted 1899-1900.

Comparative Anatomy

15, 1, 2. *Introductory Biology*. [*Anatomy, Physiology and Hygiene*]. Four hours, six hours' attendance.

In 1899-1900 dissection will be optional for those not desiring to elect other courses in the department.

Though this course is planned for those desiring only a general knowledge of these subjects, it should be elected by those intending to pursue the more special courses to be offered by the department.

The student will gain a knowledge of the gross and minute anatomy of the human body sufficient for the understanding of the functions of the nervous, respiratory, digestive, circulatory, secretory, excretory, and reproductive systems.

The frog and the cat will be dissected and the laboratory work supplemented by the use of anatomical preparations of the human body and by the other resources of the University museum and laboratory. Incidentally the student will become familiar with the use of the microscope and other laboratory apparatus.

Hygiene and sanitary science, e. g.—the application of biological principles to daily life, will receive especial attention.

Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy, and for Sophomores, Juniors and Seniors.

22, 23, 24. *Hygiene and Home Sanitation.* The following topics will be considered: The chemistry, digestion and economics of food; the impurities of air and water; the relation of bacteria to health and disease; disinfection and the restriction of communicable diseases; emergencies and home nursing. The situation, drainage, plumbing, heating, lighting and ventilation of houses and other questions of home sanitation will receive attention. Certain hospitals will be visited and lectures and demonstrations will be given by nurses and physicians. Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

In 1899-1900 the course will be modified so that it may be elected without previous work in the department.

Botany

1, 2, 3. *Vegetable Morphology.* Elective for Freshmen who are candidates for the degree of Bachelor of Philosophy. Four hours. Elective for Sophomores. Three hours.

Through the courtesy of the department, and with the consent of the President, students of the Women's College are permitted to attend the advanced classes of the University, on recommendation of the Dean.

Physical Culture

In response to a demand for some systematic attention to the physical well-being of college students, this department was established in 1897-98, and will be extended during the coming year.

The Assembly Hall is supplied with light apparatus, and furnishes a light, well-ventilated and commodious temporary gymnasium.

The work is both corrective and recreative—the Swedish system is in use and special attention is given to individual requirements. A physical examination with essential measurements is given each student upon her entrance into the department, and frequent tests taken to note condition and degree of progress.

Full encouragement is given to all games and sports, as recreation work is considered especially valuable for college girls. There are two newly graded courts for tennis in the rear of the building; and provision for pin-polo and basket-ball in the Hall. Also for lighter games which serve to divert the mind, enliven both mental and physical forces, demanding skill of hand, with prompt and alert action.

Class work will be three hours a week from October to May, required of Freshmen and Sophomores, elective for Juniors and Seniors. Each student will be marked in her term report according to faithfulness, punctuality and progress in daily work.

Suggestions for a Course Preparatory to Teaching

Proper preparation for teaching required (1) a general preparation which shall make possible a broad view of the field so that the general subject-matter of each department of instruction may be clearly defined; (2) special preparation in those subjects which it is the purpose to teach; (3) the pursuit of those studies which are professional in character and which make plain the aim, means and methods of education in general, and of instruction in special subjects in particular.

I. General Preparation:

Every teacher should have a thorough course in English.

Every teacher should have knowledge of at least the elements of the fundamental subjects of instruction.

Latin { Greek } French German Mathematics History
Physics Chemistry

Also of at least one of the following:

Botany Zoology Geology Astronomy Physical Geography

II. Special Preparation:

Any subject may be chosen. However, as teachers are usually required to teach or at least be prepared to teach in more than one subject, if there is specialization in any subject in the following groups, the other subject or subjects in that group should receive special attention.

- | | | |
|-----------------------------|-------------------------------------|--|
| 1. { Latin
Greek } | 2. { French
German } | 3. { History
Social or Political Science, Political Economy } |
| 4. { Physics
Chemistry } | 5. { Botany
Zoology
Geology } | |

Specialization in English should be accompanied by specialization in any of the groups, particularly groups 1, 2 and 3.

Specialization in Mathematics is particularly appropriate to specialization in the sciences, and *vice versa*.

III. Professional Studies.

Psychology	2, 3.	Junior.
Logic	19.	Junior.
Ethics	5, 6, 15.	Senior.
Pedagogy	1, 2, 3.	Senior.

For those who wish to fit themselves for positions as superintendents or heads of educational institutions, courses in Philosophy and in Social and Political Science are especially valuable.

IV. Graduate Course:

The Graduate Course in Pedagogy is arranged for those who wish a more thorough preparation for their work than the above suggestions offer. Pedagogy 4, 5, 6; 7, 8, 9; 10, 11, 12, constitute a major course for the degree of Master of Arts. It is recommended that the subject in which the candidate proposes to give instruction as a teacher, be chosen for a minor.

Expenses

Students at the Women's College pay the same amount as other students of the University.

For Tuition: Each full course of study at the Women's College involving the usual sixteen hours of class room attendance and instruction a week costs \$105.00 per year.

No deduction in tuition is made on account of absence.

For Incidentals: Students in the Women's College pay the same fee as other undergraduate members of the University for incidental expenses, \$45.00 per year.

One-half of the tuition and of the incidental expenses are to be paid in advance. The remainder is due January first. Laboratory expenses, etc., to be paid two weeks before the close of a term.

Matriculation: Every member of the Freshman Class pays, upon admission to the College, a matriculation fee of \$5.00.

Graduation: Every member of the Senior Class pays at the close of her course a fee of \$8.00 for her diploma and other expenses connected with graduation.

Select Students at the Women's College are charged \$10.00 per term for each course holding three recitations per week. Laboratory charges are in addition to this.

For expenses in connection with the Graduate Department see Brown University Catalogue.

All students, graduate or undergraduate, who take the courses specified below, pay the following special sums:

1. In Chemistry

Candidates for a University degree who take Courses 1, 2 or 3 in Chemistry are charged as follows: For Course 1, \$1.00; for Course 2, \$2.00; for Course 3, \$3.00. They also have a special charge for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed \$2.00 per term.

Special students who take no University studies except Courses 1, 2, 3 in Chemistry, pay for these \$10.00 per term. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed \$2.00 per term.

Students who are candidates for a University degree and take advanced courses in Analytical Chemistry are charged per term, in addition to the regular University dues, the sum of \$10.00 for a three hour course in the Laboratory, and \$20.00 for a six hour course in the Laboratory. In addition,

they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed \$3.00 per term.

Special students who take no University studies except advanced courses in Analytical Chemistry are charged varying sums according to the nature of the courses taken. In an individual case the charge is at the rate of \$4.00 per term for one hour per week of actual attendance in the Laboratory. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed \$5.00.

Special students engaging places in the Laboratory must each pay for a full term. No deductions are made on account of absence.

2. Physics

Candidates for a degree who study in the Physical Laboratory pay, in addition to the regular University dues, a fee of \$5.00 per term.

3. In Botany

Students who take Courses 1, 2, 3, 4, 5, 6, in Botany pay, in addition to the regular University dues, a fee of \$3.00 per term.

4. In Comparative Anatomy

Students in Comparative Anatomy pay, in addition to the regular dues, a fee of not less than \$2.00 or more than \$5.00 per term for each course.

Scholarships and Premiums

The Sarah E. Doyle Scholarship for young women, consisting of one thousand dollars, has been founded by the lady whose name it bears, the income to be applied toward the payment of the tuition of students in the Women's College who have been prepared for college in the Providence High School.

The sum of one thousand dollars has been paid to the Treasurer of the University to be known as "The Sarah Sutton Scholarship for young women, founded by one of her eight daughters." The donor reserves the right to nominate candidates for this scholarship for a certain number of years.

The Daniels Scholarship of twenty-five hundred dollars. The income to be used toward paying the expenses of one or more women pursuing studies either in the University or in the Women's College adjunct thereto.

The Joseph Thayer Scholarship of sixty-five hundred dollars. The income shall be for the education of any young man *or woman*, who is a resident of the town of Uxbridge, desiring a liberal education.

The Rhode Island Women's Club annually devotes the income of its Churchill Fund toward the payment of the tuition of some worthy student in the Women's College.

The Gaspee Chapter Daughters of the American Revolution Prize of forty dollars, offered by the Gaspee Chapter of D. A. R., is to be paid annually to that student in the Graduating Class of the Women's College who shall present the best essay upon some topic in American history. The topic for the year 1898-99 was "The Diplomatic History of France and the United States from 1776 to 1783." Miss Gertrude Edna Millard was the successful competitor. The topic for the year 1899-1900 is "British Sympathy for the Revolution, from 1776 to 1783." The essays are to bear each an assumed name, but to be accompanied each by an envelope marked with such assumed name and enclosing a sheet of paper with the candidate's real name and address. The essays must be handed to the Dean of the Women's College before May 1, 1900. The award will be announced on Commencement Day, when the topic for the ensuing year will be named.

The students of the Women's College are entitled to compete in all examinations for premiums and prizes offered by Brown University. (See Catalogue p. 203.) Women can-

didates successful in first premium contests receive collateral prizes awarded by the Dean.

Boarding

Ladies from a distance wishing to avail themselves of the educational opportunities offered by the University can find homes in excellent private families in the neighborhood of the College. Every effort will be made to arrange for any who may apply either to the Dean or to the President.

Further information in regard to the work of the Women's Classes may be secured, and Catalogues obtained by addressing the undersigned.

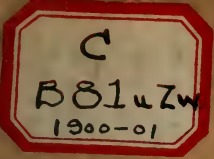
LOUIS F. SNOW, A. M.,

Dean.

Pembroke Hall,

Providence, R. I.

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WOMEN'S COLLEGE

IN

BROWN UNIVERSITY



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1900-1901

WOMEN'S COLLEGE
IN
BROWN UNIVERSITY
ANNUAL
ANNOUNCEMENT

ACADEMIC YEAR 1900-1901



PROVIDENCE, R. I.
REMINGTON PRINTING CO., 63 WASHINGTON STREET
1900

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ANNUAL ANNOUNCEMENT

The Graduate Department in Brown University places women on exactly the same footing as men. In respect to instruction, examinations, and degrees, the two sexes are treated precisely alike. The expenses, also, are the same.

Instruction for undergraduate women is provided for as follows:

There is established a department of the University known as the Women's College in Brown University. The President of the University is charged with the general direction, supervision and government of this college as of other departments of the University. The immediate charge of the college in respect to registration, teaching, government and discipline, devolves, subject to the direction of the President, on the Dean of the Women's College, elected annually by the Corporation. The instruction in the Women's College is given by the professors and instructors in Brown University. Brown University examinations are open to women only when they are registered in the Women's College or as graduate students.

The Corporation will receive gifts of money to found scholarships, fellowships, and professorships in Brown University for the behoof of its women students, and for the general purposes of the Women's College, and will hold and administer such funds as separate and distinct from the general funds of the University.

The conditions of women's examinations in undergraduate work are as follows:

Women take entrance examinations at the same times and places and under the same conditions as men, or may present certificates in place of entrance examinations, sub-

ject to the same conditions which apply to men. All women's examinations in college studies are to be taken at the University, none elsewhere.

To be admitted to advanced examinations, candidates must have passed entrance examinations, as well as all examinations which cover the work of previous terms.

The subjects for women's examinations, when not identical with those in the courses of instruction given in the University, in all cases closely correspond to them.

The Tenth Academic Year of the Women's College begins Wednesday, September 19, 1900, with Chapel Service in Sayles Hall, at 8.40 A. M. At the close of this the classes will begin their session according to the schedule.

The required studies of the four years will be provided for as indicated below. Only such elective courses are mentioned as it is thought will prove attractive to the majority of the women students. It is highly desirable that election be confined as far as possible to the courses named. Individual preferences in electives may be specially provided for by consultation with the Dean.

Except in laboratory, seminary and similar work, all classes are examined at the close of each term.

A student is not admitted to examination in a study in which her term work is unsatisfactory to the officer of instruction or from which she has been absent one-half of the time assigned to the study.

No student will be approved for examination whose term bill is not paid or satisfactorily arranged for, *at least five days previous to the beginning of each examination period.*

The Horatio N. Slater Memorial Home

Brown University has recently acquired a home for the students of the Women's College. Mrs. Horatio N. Slater has generously presented to the College her family homestead, at 66 Benefit street, and during the summer the build-

ing will be entirely renovated and refurnished and a third story added to it. When these repairs and changes are completed about 20 students can be accommodated with rooms and board and all the comforts of a true home. The students who live in the "Slater Memorial" will have in addition certain special advantages that no boarding house can furnish.

1. A genuine college atmosphere.
2. The best of care in case of illness, and medical attendance at reduced rates.
3. Personal supervision of the social life of the students such as a good home ought to offer.

Dean Emery, will have her residence at the "Slater Memorial," and will be easily accessible to the students who live there.

Each student will be charged \$6.00 per week for furnished room and board. In each case the parent or guardian will be required to sign a contract with the Women's College, guaranteeing the payment of \$6.00 per week during the 40 weeks of the College year.

Payment must be made in advance as follows: \$80.00 at the beginning of the first term; \$80.00 at the beginning of the second term; \$80.00 at the beginning of the third term. No student will be allowed to take examinations whose term bills remain unpaid. If any student is absent because of illness for more than a month reasonable reduction will be made.

A certain sum of money is at the disposal of the Advisory Council from which small loans can be made on easy terms to students in the home who have passed the Freshman year with creditable record in scholarship.

It is hoped that the Slater Memorial will be ready at the opening of the College year. In case the repairs are not completed at that time temporary accommodations will be provided in private families. All who desire to secure rooms should at once apply to MISS ANNIE CROSBY EMERY, Pembroke Hall, Providence.

OFFICERS OF INSTRUCTION.

With their Titles in Brown University.

WILLIAM HERBERT PERRY FAUNCE, D. D., PRESIDENT.

ANNIE CROSBY EMERY, PH. D., DEAN.
Office, Pembroke Hall.

EMMA BRADFORD STANTON, A. M.
Assistant Registrar.

WILLIAM CAREY POLAND, A. M.
Professor of the History of Art, and Director of the Museum of Fine Arts.

NATHANIEL FRENCH DAVIS, A. M., LL. D.
Professor of Pure Mathematics.

WILLIAM WHITMAN BAILEY, A. M., LL. D.
Professor of Botany.

ALBERT GRANGER HARKNESS, A. M.
Professor of Roman Literature and History.

HERMON CAREY BUMPUS, PH. D.
Professor of Comparative Anatomy and Curator of the Museum,

COURTNEY LANGDON, A. B.
Professor of the Romance Languages and Literatures.

WILFRED HAROLD MUNRO, A. M.
Professor of European History.

JAMES IRVING MANATT, PH. D., LL. D.
Professor of Greek Literature and History.

WALTER COCHRANE BRONSON, A. M.
Professor of English Literature.

WALTER GOODNOW EVERETT, PH. D.
Professor of Philosophy and of Natural Theology on the Elton Foundation.

ASA CLINTON CROWELL, PH. D.
Assistant Professor of Germanic Languages and Literatures.

CARL BARUS, PH. D.

Hazard Professor of Physics.

FRANCIS GREENLEAF ALLINSON, PH. D.

David Benedict Professor of Classical Philology.

HENRY PARKER MANNING, PH. D.

Assistant Professor of Pure Mathematics.

JAMES QUAYLE DEALEY, PH. D.

Associate Professor of Social and Political Science.

WALTER BALLOU JACOBS, A. M.

Associate Professor of Pedagogy.

CHARLES FOSTER KENT, PH. D.

Professor of Biblical Literature and History.

ALBERT BUSHNELL JOHNSON, A. M.

Assistant Professor of Romance Languages.

ALEXANDER MEIKLEJOHN, PH. D.

Assistant Professor of Philosophy.

JOHN FRANCIS GREENE, A. B.

Assistant Professor of Roman Literature and History.

FREDERICK SLOCUM, PH. D.

Assistant Professor of Astronomy.

EDWARD EVERETT THOMPSON, A. B.

Instructor in German.

CLARENCE DAVID WOOD, A. M.

Instructor in English.

GEORGE WYLLYS BENEDICT, PH. D.

Instructor in English.

ADA GENEVA WING, A. M.

Instructor in Physiology, Hygiene and Sanitary Science.

THOMAS CROSBY, JR., A. M.

Instructor in Public Speaking and English.

MABEL LOUISE POTTER, A. M.

Instructor in Physical Culture.

ADVISORY COUNCIL

MISS SARAH E. DOYLE,

MISS AMELIA S. KNIGHT,

MRS. ELIZA G. RADEKE,

MRS. A. I. C. D. AMES,

MRS. ANNIE HOWE BARUS.

The Advisory Council, appointed under the authority of the Corporation, advises with the President and with the Dean upon matters relating to the Women's College, and from time to time makes to the Advisory and Executive Committee or to the Corporation such recommendations in reference to the Women's College as the Council deems fitting.

ADMISSION TO COURSES LEADING TO DEGREES.

The examinations for admission to the FRESHMAN CLASS will take place on Monday, Tuesday and Wednesday, September 17, 18 and 19, 1900, as follows :

MONDAY, SEPTEMBER 17.

Greek, Wilson 2, 9 A. M. to 12.30 P. M.
Latin, Wilson 25, 1.30 P. M. to 5 P. M.
History, Wilson 27, 9 A. M. to 11 A. M.

TUESDAY, SEPTEMBER 18.

Algebra, Wilson 27, 8 A. M. to 10 A. M.
Geometry, Wilson 27, 10 A. M. to 12 M.
German, Wilson 2, 1 P. M. to 3 P. M.
French, Wilson 25, 4 P. M. to 6 P. M.

WEDNESDAY, SEPTEMBER 19.

English, Wilson 26, 9 A. M. to 11 A. M.

Entrance examinations will also be held on Thursday, Friday and Saturday of Commencement week, June 20, 21, 22, 1901. The order of the examinations will be :

THURSDAY, JUNE 20.

Greek, Wilson 2, 9 A. M. to 12.30 P. M.
Latin, Wilson 25, 1.30 P. M. to 5 P. M.
History, Wilson 27, 9 A. M. to 11 A. M.

FRIDAY, JUNE 21.

Algebra, Wilson 27, 8 A. M. to 10 A. M.
Geometry, Wilson 27, 10 A. M. to 12 M.
German, Wilson 2, 1 P. M. to 3 P. M.
French, Wilson 25, 4 P. M. to 6 P. M.

SATURDAY, JUNE 22.

English, Wilson 26, 9 A. M. to 11 A. M.

Pupils from schools of known excellence are admitted to the Freshman Class without examination, on the certificates [not diplomas] of the Principals of these schools. Upon application by the Principal of any school from which pupils are received in this manner, the University furnishes blank forms for these certificates.

For admission to **ADVANCED STANDING**, unless coming from other colleges of high standing, candidates are examined in the studies already pursued by the respective classes which they propose to enter. These examinations for 1900 will be held on Monday and Tuesday, September 17 and 18. Students must report at the Dean's Office at 9 A. M. on Monday, September 17. A student from another college must present a certificate of her standing in the college which she has left and of regular dismissal from it.

Qualified members of the Freshman Class are matriculated at the beginning of the second term. Till matriculation all candidates for degrees, however admitted, are regarded as on probation.

ENTRANCE EXAMINATIONS FOR CANDIDATES FOR THE DEGREE OF BACHELOR OF ARTS.

Unless admitted by certificate, or admitted to advanced standing, every candidate for the degree of Bachelor of Arts, must pass before entering, examinations as follows:

MATHEMATICS

1. Algebra, through equations of the second degree.

Although candidates are not examined in Arithmetic, a knowledge of the fundamental principles and a careful training in accurate computations with whole numbers and with vulgar and decimal fractions are regarded as essential parts of a preparatory course. Candidates for the degree of Civil Engineer and Mechanical Engineer are especially requested not to neglect this subject.

The requirement in Algebra includes the following subjects: factors, common divisors and multiples; fractions, ratios and proportions; negative quantities and the interpretation of negative results; the doctrine of exponents; radicals and equations involving radicals; the binomial theorem for positive integral powers of the binomial, and the extraction of roots; putting questions into equations and the reduction of equations; the ordinary methods of elimination, and the solution of both numerical and literal equations of the first and second degrees with one or more unknown quantities, and of problems leading to such equations; arithmetical and geometrical progression.

It is very important that the student should acquire a thorough knowledge not only of the practice, but also of the reasons involved in the elementary algebraic rules. He should likewise be able to use readily the more important formulæ, as, for example, the quadratic formula.

2. Plane Geometry.

The requirement in Plane Geometry includes the propositions which are contained in the ordinary treatises, and which are recognized as constituting the elements of Geometry, original propositions and problems in mensuration.

Teachers of Geometry should lay stress on accuracy of statement and elegance of form as well as on clear and strict reasoning. They should avoid mere memory work, and should take special care in the proof of a proposition that no lines be drawn unless their construction is proved to be possible.

The school curriculum ought to be so arranged that not a single term, much less a year, should pass without some time being given to a mathematical subject. For a four year course an average of two and one-half hours per week during that time will give the best results.

ENGLISH

The examination in English consists of two parts; one to test the candidate's general reading, the other to bring out the results of her more careful study and practice. The entire examination occupies not less than two hours.

1. *Reading and Practice.* In this part the candidate must exhibit a good general knowledge of the subject matter of each work, and answer simple questions on the lives of the authors. The usual form of examination is the writing of a paragraph or two on each of several topics, to be chosen by the candidate from a considerable number, perhaps ten or fifteen, named in the examination paper. This writing is intended to test her power of clear and accurate expression. In place of a part of this exercise, the candidate may, under special circumstances, be allowed to present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading.

In 1900 the books for this portion of the examination will be: Dryden's *Palamon and Arcite*, Pope's *Iliad*, books i, vi, xxii, xxiv, the *Sir Roger De Coverley Papers* in the *Spectator*, Goldsmith's *Vicar of Wakefield*, Scott's *Ivanhoe*, De Quincey's *Flight of a Tartar Tribe*, Cooper's *Last of the Mohicans*, Tennyson's *Princess* and Lowell's *Vision of Sir Launfal*.

In 1901 and 1902: Shakspeare's *The Merchant of Venice*, Pope's *Iliad*, books i, vi, xxii and xxiv, the *Sir Roger De Coverley Papers* in the *Spectator*, Goldsmith's *the Vicar of Wakefield*, Coleridge's *The Ancient Mariner*, Scott's *Ivanhoe*, Cooper's *The Last of the Mohicans*, Tennyson's *The Princess*, Lowell's *The Vision of Sir Launfal* and George Eliot's *Silas Marner*.

In 1903, 1904 and 1905: Shakspeare's *Merchant of Venice* and *Julius Cæsar*, the *Sir Roger De Coverley Papers* in the *Spectator*, Goldsmith's *Vicar of Wakefield*, Coleridge's *Ancient Mariner*, Scott's *Ivanhoe*, Carlyle's *Essay on Burns*, Tennyson's *Princess*, Lowell's *Vision of Sir Launfal* and George Eliot's *Silas Marner*.

2. *Study and Practice.* This part requires a more careful study of each of the works named. It involves subject-matter, form and structure, and more particularly than Part 1, tests the candidate's ability to express her knowledge with clearness and accuracy.

In 1900 the books for this portion of the examination will be: Shakspeare's *Macbeth*, Milton's *Paradise Lost*, books i and ii, Burke's *Speech on Conciliation with America* and Macaulay's *Essays on Milton and Addison*.

In 1901, 1902, 1903, 1904 and 1905: Shakspeare's *Macbeth*, Milton's *Lycidas*, *Comus*, *L'Allegro* and *Il Penseroso*, Burke's *Speech on Conciliation with America* and Macaulay's *Essays on Milton and Addison*.

The candidate is encouraged to do reading parallel and subsidiary to the books mentioned above; she is recommended to commit to memory as much English poetry as possible, and to pay close attention to the essentials of grammar. A candidate will not be accepted in English whose work is obviously defective in spelling, punctuation, idiom or divisions into paragraphs.

GREEK

1. Authors: Xenophon's *Anabasis* entire, or four books of the *Anabasis* and three of Homer, regard being had not only to language but to subject-matter as well. Two books of the *Hellenica* may be offered in place of a like amount of the *Anabasis*; and preparation in Homer may be in either the *Iliad* or the *Odyssey*.

2. Grammar: A familiar knowledge of inflection, word-formation and ordinary syntax.

3. Composition: The first twenty-five exercises of Jones's *Composition*, or Allinson's *Composition* as far as part iii, or Collar and Daniell's entire.

4. History: The general history of Greece to the death of Alexander.

Candidates are expected to be able to translate at sight simple Attic prose, unusual words being defined, and to write in Greek simple connected narrative based upon the *Anabasis* or the *Hellenica*.

Instructors in preparatory schools are urged to insist upon the use of simple and idiomatic English in translation of Greek.

LATIN

1. Caesar, *Gallic War*, books i-iv, or books i-iii and Sallust's *Catiline*, with questions on the subject-matter and on grammar.

2. Ovid, twenty-five hundred lines.

3. Cicero, the *Orations against Catiline* and the *Oration for Archias*, with questions as on Caesar.

4. Vergil, *Aeneid*, books i-vi, or books i-v and the *Eclogues*, with questions on the subject-matter and on prosody.

5. Translation at sight of ordinary passages from Caesar, Cicero's *Orations*, Vergil's *Aeneid* and Ovid's *Metamorphoses*, with questions on grammar, prosody, history and antiquities, suggested by the passages assigned.

6. Translation into Latin of simple English sentences.

7. Translation into Latin of a continuous passage of English narrative, prepared from some portion of the prescribed prose.

8. Outline of Roman geography, and of Roman history to the end of the reign of Marcus Aurelius.

It is recommended that pupils be accustomed, from the beginning of their preparatory course, to translate into Latin, both orally and in writing, passages prepared by the teacher on the basis of the prose authors read.

In pronouncing Latin, *ā* should be pronounced as in *father*, *ă* as in *Cuba*; *ē* as in *prey*, *ĕ* as in *men*; *ī* as in *machine*, *î* as in *cigar*; *ō* as in *old*, *ō* as in *obey*; *ū* as in *rule*, *ŭ* as in *full*; *j* as *y* in *yard*; *c* always as *k* in *king*; *g* always as in *get*.

Instructors in preparatory schools are urged to insist upon the use of simple and idiomatic English in translation of Latin.

PRELIMINARY EXAMINATIONS IN THE CLASSICS

In the studies named below, candidates may be examined one year before the time at which they intend to apply for admission to the Freshman Class. These examinations will occur, in 1901, on Thursday, June 20, *and then only*. They will be held in the South Room of Rhode Island Hall, in the following order:

Greek, 9 A. M. to 11 A. M.

Latin, 1.30 to 3.30 P. M.

The subjects will be:

Greek.—1. Greek Grammar; 2. Three books of Xenophon's *Anabasis*.

Latin.—1. Latin Grammar; 2. Caesar, or Caesar and Sallust, as above; 3. Translation into Latin of simple sentences; 4. Ovid or Cicero or Vergil, as above.

FRENCH OR GERMAN.

Each candidate must pass examination upon a certain amount either of French or of German as she chooses. Candidates who present German for entrance must continue German during the Freshman year, and must take French in their Sophomore year; candidates who present French must continue French in their Freshman year, and must take German in their Sophomore year; candidates who present both French and German may take their choice as to which they will continue in the Freshman year.

FRENCH.

For candidates who offer French requirements are as follows:

1. Proficiency in elementary French grammar, implying, especially, familiarity with the following topics: inflection of nouns and adjectives in gender and number; the pronominal adjectives; the use of pronouns, especially the forms and positions of personal pronouns; the partitive constructions; the inflection of the regular verbs and of the more usual irregular verbs, such as *dire*, *faire*, and the classes represented by *ouvrir*, *sentir*, *venir*, *paraître*, *conduire* and *craindre*.

The mention of these topics is not to be understood as restrictive, but is meant rather to emphasize the importance of a thorough grounding of the pupil in those elements on which future good work necessarily depends. Mastery of Whitney's Brief French Grammar will be regarded as sufficient.

2. Ability to translate simple prose at sight.

It is believed that the required facility can be gained by reading, concurrently with the grammar work, from two hundred to four hundred duodecimo pages of at least three dissimilar works. Care should be taken not to read works assigned in the college courses.

3. Ability to pronounce French and to recognize French words and simple phrases when spoken.

It is recommended that from the beginning careful attention be given to the fluent and intelligent pronunciation of the French texts used in the class-room.

GERMAN

For candidates who offer German the requirements are as follows:

1. Proficiency in elementary German grammar, implying, especially, familiarity with the following topics: declension of such nouns as are readily classified and of adjectives and pronouns; conjugation of weak and of the more usual strong verbs; the commoner prepositions; the simpler uses of the model auxiliaries; the simple rules of syntax and of word order.

The mention of these topics is not to be understood as restrictive, but is meant rather to emphasize the importance of a thorough grounding of the pupil in those elements on which future good work depends. Mastery of Whitney's Brief German Grammar will be regarded as sufficient.

2. Ability to translate a passage of simple prose at sight, when a vocabulary of the less usual words is furnished.

It is believed that the required facility can be gained by reading, concurrently with the grammar work, two hundred duodecimo pages of easy German, chiefly narrative prose, with a few lyric poems. Care should be taken not to read the work assigned in the college courses.

3. Ability to pronounce German and to recognize German words and simple phrases when spoken.

It is recommended that from the beginning careful attention be given to the fluent and intelligent pronunciation of the German texts used in the class-room.

ENTRANCE EXAMINATIONS FOR CANDIDATES FOR THE DEGREE OF BACHELOR OF PHILOSOPHY.

Unless admitted by certificate or admitted to advance standing, every candidate for the degree of Bachelor of Philosophy must pass before entering, examinations as follows:

MATHEMATICS

The same requirement as for candidates for the degree of Bachelor of Arts.

ENGLISH

The same requirement as for candidates for the degree of Bachelor of Arts.

FRENCH OR GERMAN

The same requirement as for candidates for the degree of Bachelor of Arts.

LATIN

The same requirement as for candidates for the degree of Bachelor of Arts.

SUBSTITUTES FOR LATIN

Instead of the requirement in Latin either one of the four substitutes below described is accepted.

Substitute 1. Minor Requirement in Latin. For students nineteen years of age or over, who offer proof of attainments in general subjects such as a diligent and competent student would derive from two years full attendance at a good high school or academy, the above requirement in Latin is reduced to five books of Caesar or its equivalent in Cicero, Vergil or other standard authors. Students offering only this smaller amount of Latin cannot, however, pursue any of the Latin courses in college.

Substitute 2. Greek. Instead of the Latin specified above, whether the major or the minor requirement, candidates for the degree of Bachelor of Philosophy may offer the Greek required for candidates for the degree of Bachelor of Arts. Students fulfilling this requirement are permitted to pursue Greek in college.

Substitute 3. German. Candidates *who have already presented French*, may also present German, in which case no Latin examination is required.

Substitute 4. French. Candidates *who have already presented German*, may also present French, in which case no Latin examination is required.

HISTORY

Either the general history of Greece to the death of Alexander, and Roman history to the end of the reign of Marcus Aurelius; or the general history of England and the United States.

ENTRANCE EXAMINATIONS FOR CANDIDATES FOR THE DEGREE OF BACHELOR OF SCIENCE.

Unless admitted by certificate or admitted to advanced standing, every candidate for the degree of Bachelor of Science must pass before entering, examinations as follows :

MATHEMATICS

1. The same requirement as for candidates for the degree of Bachelor of Arts.

Also :

2. Solid and Spherical Geometry.

3. Plane Trigonometry, with the use of logarithmic and trigonometric tables.

ENGLISH

The same requirement as for candidates for the degree of Bachelor of Arts.

FRENCH OR GERMAN

The same requirement as for candidates for the degree of Bachelor of Arts.

LATIN

Five books of Caesar or the equivalent thereof in Cicero or Vergil.

SUBSTITUTES FOR LATIN

Substitute 3 or 4 as offered to candidates for the degree of Bachelor of Philosophy.

HISTORY

The same requirement as for candidates for the degree of Bachelor of Philosophy.

Admission to Special Courses.

Students are admitted to special courses covering but single terms, and to work in single branches. Each applicant for registration in such a course must present to the Dean sufficient evidence of her ability to pursue the subject chosen. Also every special student, unless especially excused by the Dean and by the professor in charge of her course, must prepare for and pass an examination at the completion of her course. To be admitted to advanced examinations, candidates must have passed all entrance examinations, as well as all examinations which cover the work of previous terms.

The Courses of Instruction

Arranged According to Years and Terms

Required Studies

FRESHMAN YEAR

1. Of all candidates for all degrees :

*French 1	3 h.	French 2	3 h.	French 3	3 h.
or		or		or	
*German 4	3 h.	German 6	3 h.	German 8	3 h.
Mathematics 1	5 h.	Mathematics 3	5 h.	Mathematics 2	5 h.

2. Of all candidates for the degree of A. B.

Greek 1	4 h.	Greek 2	4 h.	Greek 3	4 h.
Latin 1	4 h.	Latin 2	4 h.	Latin 3	4 h.

3. Of all candidates for the degree of Ph. B.

English 1	4 h.	English 2	4 h.	English 3	4 h.
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4. Candidates for the degree of Ph. B. may substitute for the above ancient languages from the following :

Botany 1	4 h.	Botany 2	4 h.	Botany 3	4 h.
Comp. Anat. 15	4 h.	Comp. Anat. 1	4 h.	Comp. Anat. 2	4 h.

SOPHOMORE YEAR

1. Of all candidates for the degree of A. B.

English 1	4 h.	English 2	4 h.	English 3	4 h.
German 1	3 h.	German 2	3 h.	German 3	3 h.
or		or		or	
*French A	3 h.	French B	3 h.	French C	3 h.

and sufficient electives to make up sixteen hours per week.

2. Of all candidates for the degree of Ph. B.

German 1	3 h.	German 2	3 h.	German 3	3 h.
or		or		or	
French A	3 h.	French B	3 h.	French C	3 h.

and sufficient electives to make up sixteen hours per week.

JUNIOR YEAR

History 1	3 h.	History 2	3 h.		
English 4	1 h.	English 5	1 h.	English 6	1 h.

and sufficient electives to make up sixteen hours per week.

SENIOR YEAR

Elective studies, fifteen hours per week, may be selected from the Elective List, or by consultation with the Dean on or before September 13.

*[Students who pursue French 1, 2, 3, during Freshman year, must take German 1, 2, 3, during Sophomore year. Those who pursue German 4, 6, 8, during Freshman year, must take French A, B, C, during Sophomore year.]

ELECTIVE STUDIES

English 16	3 h.	English 17	3 h.	English 18	3 h.
English 52	3 h.	English 53	3 h.	English 54	3 h.
German 4	3 h.	German 6	3 h.	German 8	3 h.
German 46	3 h.	German 47	3 h.	German 48	3 h.
French 4	3 h.	French 5	3 h.	French 6	3 h.
Italian 7	3 h.	Italian 8	3 h.	Italian 9	3 h.
Spanish 1	3 h.	Spanish 2	3 h.	Spanish 3	3 h.
Latin 4	3 h.	Latin 5	3 h.	Latin 6	3 h.
Latin 7	3 h.	Latin 8	3 h.	Latin 9	3 h.
Greek 4	3 h.	Greek 5	3 h.	Greek 6	3 h.
Greek 16	3 h.	Greek 17	3 h.	Greek 18	3 h.
				Greek 43	1 h.
History of Art 7	3 h.	History of Art 9	3 h.	History of Art 8	3 h.
Hebrew History 1	3 h.	Hebrew History 2	3 h.	Hebrew History 3	3 h.
Mathematics 9	3 h.	Mathematics 10	3 h.	Mathematics 12	3 h.
History 15	3 h.	History 11	3 h.	History 18	3 h.
				History 3	3 h.
Physics 1	3 h.	Physics 32	3 h.	Physics 4	3 h.
Phys. Geography 1	3 h.	Phys. Geography 2	3 h.	Phys. Geography 3	3 h.
Comp. Anat. 15	4 h.	Comp. Anat. 1	4 h.	Comp. Anat. 2	4 h.
Comp. Anat. 22	3 h.	Comp. Anat. 23	3 h.	Comp. Anat. 24	3 h.
Botany 1	3 h.	Botany 2	3 h.	Botany 3	3 h.
Political Science 12	3 h.	Political Science 4	3 h.	Political Science 2	3 h.
Philosophy 2	3 h.	Philosophy 3	3 h.	Philosophy 4	3 h.
Philosophy 5	3 h.	Philosophy 23	3 h.	Philosophy 24	3 h.
				Philosophy 44	3 h.
Pedagogy 1	3 h.	Pedagogy 2	3 h.	Pedagogy 3	3 h.

COURSES OF INSTRUCTION ARRANGED ACCORDING TO DEPARTMENTS.

Philosophy

NOTE: Some one complete course in this department is required of every candidate for a degree. By a complete course is understood all that is grouped together as a three-hour course under a single name in the accompanying announcements, whether it consists of one term's work or of several. The courses in Pedagogy cannot be taken to satisfy this requirement.

44. *Practical Ethics*. Three hours. Third Term. Elective for Seniors and Graduates.

2, 3, 4. *Psychology*. General Synthetic Course. Three hours. Through the year. Elective for Juniors and Seniors.

[8. *History of Greek Philosophy*. Three hours. First Term.

9. *History of Mediaeval and Early Modern Philosophy*. Three hours. Second Term.

10. *History of Recent and Contemporary Philosophy*. Three hours. Third Term. Elective for Juniors, Seniors and Graduates.] Omitted 1900-1901.

5, 23. *Theoretical Ethics*. Three hours. First and Second Terms. Elective for Juniors, Seniors and Graduates.

Intended to aid in mastering the fundamental problems of life and character. First Term, a discussion of the nature and relations of ethics and an outline of the history of the chief ethical systems; Second Term, a critical study of the fundamental concepts of ethics with the aim of constructing a tenable theory of conduct.

24. *Philosophy of Religion*. Three hours. Third Term. Elective for Juniors, Seniors and Graduates who have had previous philosophical training.

An investigation of the ultimate grounds of religious belief.

Courses 8, 9, 10 and 5, 23, 24 will be given in alternate years.

Pedagogy.

1. History of Educational Theories and Institutions. Three hours. First Term.

2. The Institutes of Pedagogy. Three hours. Second Term.

3. Practical Pedagogy. Three hours. Third Term.
Elective for Seniors.

Indo-European Philology

1. *General Introduction to the Study of Language*. Three hours. Second Term. Elective for Juniors and Seniors.

Outline of the history of language. The Indo-European family. Adapted for students of languages, ancient or modern.

Greek Literature and History.

1. *Lysias*. Three hours. *Greek Prose Composition*. One hour. First Term. Required of candidates for the degree of Bachelor of Arts.
Lysias, select orations and practice in sight reading.
2. *Plato*. Three hours. *Greek History*. One hour. Second Term.
Required of candidates for the degree of Bachelor of Arts.
Plato's *Apology* and *Crito*, with other selections for sight reading.
The fourth hour is devoted to illustrated historical lectures in connection with the reading of a standard work on Greek history.
3. *Homer*. Three hours. *Greek Literature*. One hour. Third Term. Required of candidates for the degree of Bachelor of Arts.
The *Odyssey*, four books, rapid reading of other books; lectures on the life of the Heroic Age as revealed in the poems and illustrated by recent archæological research.
4. *Herodotus*. The Persian Wars. Three hours. First Term.
5. *Lucian*. Selections. Three hours. Second Term.
6. *Dramatic Poets*. Sophocles' *Antigone*; Aristophanes' *Clouds*; Lectures on the Greek Drama. Three hours. Third Term. Elective for Sophomores.
16. *Plato and Aeschylus*. Republic, Book X, with selections from Books I-IX; Agamemnon, with readings from other plays. Three hours. First Term.
17. *Hesiod and the Homeric Hymns*. Three hours. Second Term.
18. *Theocritus*. Three hours. Third Term. Elective for Juniors and Seniors.
43. *Greek Composition, advanced*. One hour. Third Term. Elective for Sophomores, Juniors and Seniors.
Practice in prepared and in extemporaneous writing of Greek.
For those who intend to teach or otherwise to specialize in the classics.

Roman Literature and History.

1. *Livy*. Early Roman History. Four hours. First Term. Required of candidates for the degree of Bachelor of Arts.
2. *Cicero*. Letters. Cicero and his times. Four hours. Second Term. Required of candidates for the degree of Bachelor of Arts.
3. *Tacitus*. Germania and Agricola. History of the Early Empire. Four hours. Third Term. Required of candidates for the degree of Bachelor of Arts.
4. *Horace*. Odes and Epodes. Three hours. First Term.
5. *Catullus, Tibullus and Propertius*. Lyric poetry continued. Three hours. Second Term.
6. *The Satires of Horace and Juvenal*. Roman Life. Three hours. Third Term. Elective for Sophomores.

7. *The Origin of Latin Poetry.* Readings from Terence and Catullus. Three hours. First Term.

8. *The Poetry of the Augustan Age.* Readings from Horace's Odes, Tibullus and Propertius. Three hours. Second Term.

9. *The Poetry of the Augustan Age continued and the Poetry of the Silver Age.* Readings from Horace's Satires and Epistles and from Juvenal. Three hours. Third Term. Elective for Juniors and Seniors.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend certain seminary courses on the recommendation of the Dean.

The Fine Arts

History and Criticism

7, 9. *Modern Art.* Three hours. First and Second Terms. Elective for Juniors, Seniors and Graduates.

First Term, the seventeenth and eighteenth centuries; Second Term, the nineteenth century.

8. *Theory and Criticism of the Fine Arts.* Three hours. Third Term. Elective for students who have passed in any course in the History of Art.

Study of the more important facts and laws of artistic production.

NOTE: Courses 7, 9 and 8 form a consecutive outline.

Music

14. *Musical Introduction.* Three hours. First Term. Elective for Sophomores, Juniors and Seniors.

A general course which considers such of the elements of music and the principles of musical composition as will enable the student to listen to music with intelligent interest and genuine profit.

15a, 15b. *Music and Musicians of the Eighteenth and Nineteenth Centuries.* Three hours. Second and Third Terms. Elective for Sophomores, Juniors and Seniors.

A general course the aim of which is to acquaint the student with the life, works and style of Bach, Mozart, Beethoven, Schubert, Schumann, Mendelssohn, Wagner and other famous composers of these centuries.

English Literature and Language

1, 2, 3. *Practical Rhetoric.* Four hours. Through the year. Required of all Sophomores who have not taken the subject in the Freshman year and of Freshmen who are candidates for the degree of Bachelor of Philosophy.

4, 5, 6. *Argumentative Composition.* One hour. Through the year. Required of all Juniors.

16, 17, 18. *English Literature*. Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

General course, dealing with the greater poets and prose-writers from Spenser to Arnold. The aim is to cultivate the habit of thoughtful reading and the appreciation of literary form, and to give a general knowledge of the history of English literature.

52, 53, 54. *English Literature from 1832, the Greater Writers*. Three hours. Through the year. Elective for students who have passed in 16, 17, 18, and for others at the discretion of the instructor.

History.

1. *General Mediaeval History of Europe*. Recitations and lectures, reports by members of the class, and supplementary readings. Three hours. First Term. Required of all Juniors.

2. *General Modern History of Europe*. Methods as indicated under Course 1. Three hours. Second Term. Required of all Juniors.

3. *The Reformation*. Third Term. Elective for Juniors, Seniors and Graduates.

15. *Islam and the Crusades*. Recitations, informal lectures and supplementary reading. Three hours. First Term.

11. *The Renaissance*. Three hours. Second Term.

18. *Spanish History*. Three hours. Third Term. Elective for Juniors, Seniors and Graduates.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend the advanced classes at the University, on recommendation of the Dean.

Biblical History and Literature

1. *The Beginnings of Hebrew History*. Three hours. First Term.

2, 3. *Hebrew History and Literature*. From the Settlement in Canaan to the Exile. Three hours. Second and Third Terms. Elective for Sophomores, Juniors and Seniors. Revised Version of the Old Testament and Kent's History of the Hebrew People, Vol. I., II. (sixth edition).

4. *History and Literature of the Jewish People*. From the Beginning of the Exile to the Maccabean Uprising. Three hours. First Term. Kent's History of the Jewish People.

5. *History of New Testament Times*. Study of the life and literature which constitute the background of the New Testament. Three hours. Second Term. Rigg's History of New Testament Times.

6. *The Beginnings of Christianity*. Study of the life and teachings of Jesus and the founding of the Christian Church. Three hours. Third Term. Elective for Sophomores, Juniors and Seniors. Rhees' Life of Jesus, Purves' The Apostolic Age.] Omitted 1900-1901.

Courses 1-6 are especially intended to meet the needs of the general student of Art, History, Social Science and Literature. They aim to give a broad and comprehensive view of the history, literature and teachings of the Bible. Courses 1-3 and 4-6 will be given in alternate years. While they together constitute a unit, individual courses may be elected by students who cannot take the whole.

Social Science

[1. *The Principles of Sociology*. With a study of Primitive Civilization. Lectures. Three hours. First Term.

2. *Social Problems and Conditions*. The Family, Marriage, Divorce; Charity, Penology, Pauperism, Criminology; Immigration, Intemperance, Education. Lectures. Three hours. Second Term.

3. *Social Problems and Conditions*. Continuation of Course 2. Also Studies into Questions of Labor, Municipal Government and Social Legislation. Lectures. Three hours. Third Term. Elective for Juniors and Seniors.] Omitted 1900-1901.

Political Science

12. *Political Science, elementary*. Three hours. First Term.

4. *United States Constitutions*. Three hours. Second Term.
National and local constitutions and institutions.

2. *Comparative Study of Constitutions*. Three hours. Third Term.
Elective for Juniors and Seniors.

With special reference to the constitutions of Germany, France, Great Britain and Switzerland.

Germanic Languages and Literatures

German

1. *Elementary Course*. Three hours. First Term. Required of all Sophomores who did not present German for entrance.

Reading at outset, mastery of forms, dictations.

2. *Intermediate Course*. Three hours. Second Term. Required of all Sophomores who did not present German for entrance.

Grammar, composition, conversation; selections from Goethe, Uhland, Schiller, Freytag, Benedix and Heyse.

3. *Nineteenth Century Prose*. Three hours. Third Term. Required of all Sophomores who did not present German for entrance.

Reading at sight, grammar, composition, conversation.

4. *Lessing*. Three hours. First Term. Elective for students who have passed in 1, 2, 3, and required of all who presented German for entrance.

Emilia Galotti, Minna von Barnhelm or equivalents; lectures on Lessing's life and works.

6. *Schiller*. Three hours. Second Term. Elective for students who have passed in 4, and required of all who presented German for entrance.

Jungfrau von Orleans, Balladen und Romanzen or equivalents; lectures on Schiller's life and works.

8. *Goethe*. Three hours. Third Term. Elective for students who have passed in 6, and required of all who presented German for entrance.

Götz von Berlichingen, Iphigenie auf Tauris or equivalents; lectures on Goethe's life and works.

46, 47, 48. *Goethe's Faust*, Parts I and II. Three hours. Through the year. Elective for students who have passed in 8.

Lectures, essays, original text read by students in class, weekly written translations.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend the advanced classes in German Literature and Middle High German, at the University on the recommendation of the Dean.

Romance Languages and Literatures

French

A. B. C. *Elementary Course*. Grammar, composition and the reading of easy selections in modern French. Three hours. Through the year. The equivalent of the Elementary French required for admission. Required of all Sophomores who offer for admission German instead of French.

French, 1, 2, 3. *Modern French*. Rapid translation, composition and dictations. Three hours. Through the year. Required of Freshmen.

French, 4, 5, 6. *Advanced Course* will cover both the Classic and the Romantic School, Molière and Victor Hugo receiving special attention. Three hours. Through the year. Elective for Sophomores.

[13, 14, 15. *Practice in Writing and Speaking French*. Three hours. Through the year. Elective for all who have passed with credit in French 1, 2, 3.] Omitted 1900-1901.

Italian

[1, 2, 3. *Introductory Course*. Grammar, composition and the reading of modern stories and plays. Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.] Omitted 1900-1901.

7, 8, 9. *Dante in English*. The whole of the Divina Commedia studied in English. Comparative study of this poem with Vergil's Aeneid, Milton's Paradise Lost, Goethe's Faust and Browning's The Ring and the Book. Three hours. Through the year. Elective for Juniors and Seniors at the instructor's discretion.

Spanish

1, 2, 3. *Modern Spanish*. Three hours. Through the year. Conversation, composition and rapid reading. Elective for Juniors and for Sophomores not electing more than one other modern foreign language.

Mathematics.

1. *Geometry, Solid and Spherical*. Wells' Essentials of Geometry, with original propositions. Five hours. First Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

3. *Trigonometry, Plane and Spherical*. Wells' New Plane and Spherical Trigonometry. Five hours. Second Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

2. *Algebra*. Wells' College Algebra. Five hours. Third Term. Required of all candidates for the degrees of Bachelor of Arts and Bachelor of Philosophy.

9. *Analytic Geometry*. Nichols' Analytic Geometry. Three hours. First Term. Elective for those who have taken Courses 1, 2 and 3. Required of candidates for the degree of Bachelor of Science.

10. *Analytic Geometry*. Nichols' Analytic Geometry. Three hours. Second Term. Elective for those who have taken Course 9. Required of candidates for the degree of Bachelor of Science.

12. *Differential Calculus*. Rice and Johnson's Differential Calculus. Three hours. Third Term. Elective for those who have taken Courses 9 and 10. Required of candidates for the degree of Bachelor of Science.

Through the courtesy of the department and with the consent of the President, students of the Women's College are permitted to attend the advanced classes of the University, on recommendation of the Dean.

Chemistry

[1. *Descriptive Chemistry*. Non-metals. Three hours. First Term.

2. *Descriptive Chemistry*. Metals. Continuation of Course 1. Three hours. Second Term.

3. *Descriptive Chemistry*. Carbon compounds. Continuation of Course 2. Three hours. Elective for Sophomores.] Omitted 1900-1901.

Physics.

1, 32, 4. *General Course*. Lectures illustrated by experiments, with weekly written exercises. Three hours. First Term, Dynamics. Second Term, Acoustics and Optics. Third Term, Electricity. Elective for Sophomores, Juniors and Seniors. Open to all who have passed Mathematics 1, 2, 3.

Astronomy

[1. *General Astronomy*. Young's General Astronomy, with lectures. Three hours. First Term. Elective for Juniors and Seniors.

2, 6. *General Astronomy continued*. Three hours. Second and Third Terms. Elective for those who have passed in Course 1.] Omitted 1900-1901.

Physical Geography

1. *Physical Geography*. Meteorology and climatology. Three hours. First Term.

2, 3. *Physical Geography*. Oceans and ocean basins. Land formations. Effect of form, climate, resources, food supply, etc., upon the distribution of population and history of man. Three hours. Second and Third Terms. Elective for Sophomores, Juniors and Seniors.

Comparative Anatomy

15, 1, 2. *Introductory Biology*. [*Anatomy, Physiology and Hygiene*]. Four hours, six hours' attendance.

In 1900-1901 dissection will be optional for those not desiring to elect other courses in the department.

Though this course is planned for those desiring only a general knowledge of these subjects, it should be elected by those intending to pursue the more special courses to be offered by the department.

The student will gain a knowledge of the gross and minute anatomy of the human body sufficient for the understanding of the functions of the nervous, respiratory, digestive, circulatory, secretory, excretory, and reproductive systems.

The frog and the cat will be dissected and the laboratory work supplemented by the use of anatomical preparations of the human body and by the other resources of the University museum and laboratory. Incidentally the student will become familiar with the use of the microscope and other laboratory apparatus.

Hygiene and sanitary science, that is, the application of biological principles to daily life, will receive especial attention.

Elective for Freshman who are candidates for the degree of Bachelor of Philosophy, and for Sophomores, Juniors and Seniors.

22, 23, 24. *Hygiene and Home Sanitation*. The following topics will be considered: The chemistry, digestion and economics of food; the impurities of air and water; the relation of bacteria to health and disease; disinfection and the restriction of communicable diseases; emergencies and home nursing. The situation, drainage, plumbing, heating, lighting and ventilation of houses and other questions of home sanitation will

receive attention. Certain hospitals will be visited and lectures and demonstrations will be given by nurses and physicians. Three hours. Through the year. Elective for Sophomores, Juniors and Seniors.

In 1900-1901 the course will be modified so that it may be elected without previous work in the department.

Botany

1, 2, 3. *General Morphology, Physiology and Ecology*. Four hours Through the year. Open to all classes, subject to hours and conflicts.

Physical Culture

In response to a demand for some systematic attention to the physical well-being of college students, this department was established in 1897-98, and will be extended during the coming year.

The Assembly Hall is supplied with light apparatus, and furnishes a light, well-ventilated and commodious temporary gymnasium.

The work is both corrective and recreative—the Sargent system is in use and special attention is given to individual requirements. A physical examination with essential measurements is given each student upon her entrance into the department, and frequent tests taken to note condition and degree of progress.

Full encouragement is given to all games and sports, as recreation work is considered especially valuable for college girls. There are two newly graded courts for tennis in the rear of the building; and provision for pin-polo and basket-ball in the Hall, and also for lighter games which serve to divert the mind and enliven both mental and physical forces, demanding skill of hand, with prompt and alert action.

Class work will be three hours a week from October to May, required of Freshmen and Sophomores, elective for Juniors and Seniors. Each student will be marked in her term report according to faithfulness, punctuality and progress in daily work.

Suggestions for a Course Preparatory to Teaching

Proper preparation for teaching requires (1) a general preparation which shall make possible a broad view of the field so that the general subject-matter of each department of instruction may be clearly defined; (2) special preparation in those subjects which it is the purpose to teach; (3) the pursuit of those studies which are professional in character and which make plain the aim, means and methods of education in general, and of instruction in special subjects in particular.

I. General Preparation:

Every teacher should have a thorough course in English.

Every teacher should have knowledge of at least the elements of the fundamental subjects of instruction.

Latin { Greek } French German Mathematics History
 Physics Chemistry

Also of at least one of the following:

Botany Zoology Geology Astronomy Physical Geography

II. Special Preparation:

Any subject may be chosen. However, as teachers are usually required to teach or at least be prepared to teach in more than one subject, if there is specialization in any subject in the following groups, the other subject or subjects in that group should receive special attention.

- | | | |
|-----------------------------|-------------------------------------|--|
| 1. { Latin
Greek } | 2. { French
German } | 3. { History
Social or Political Science, Political Economy } |
| 4. { Physics
Chemistry } | 5. { Botany
Zoology
Geology } | |

Specialization in English should be accompanied by specialization in any of the groups, particularly groups 1, 2 and 3.

Specialization in Mathematics is particularly appropriate to specialization in the sciences, and *vice versa*.

III. Professional Studies.

Psychology 2, 3, 4. Junior.

Ethics 5, 23, 44. Senior.

Pedagogy 1, 2, 3. Senior.

For those who wish to fit themselves for positions as superintendents or heads of educational institutions, courses in Philosophy and in Social and Political Science are especially valuable.

IV. Graduate Course:

The Graduate Course in Pedagogy is arranged for those who wish a more thorough preparation for their work than the above suggestions offer. Pedagogy 4, 5, 6; 7, 8, 9; 10, 11, 12, constitute a major course for the degree of Master of Arts. It is recommended that the subject in which the candidate proposes to give instruction as a teacher, be chosen for a minor.

Expenses

Students at the Women's College pay the same amount as other students of the University.

For Tuition: Each full course of study at the Women's College involving the usual sixteen hours of class room attendance and instruction a week costs \$105.00 per year.

No deduction in tuition is made on account of absence.

For Incidentals: Students in the Women's College pay the same fee as other undergraduate members of the University for incidental expenses, \$45.00 per year.

One-half of the tuition and of the incidental expenses are to be paid in advance. The remainder is due January first. Laboratory expenses, etc., are to be paid two weeks before the close of a term.

Matriculation: Every member of the Freshman Class pays, upon admission to the College, a matriculation fee of \$5.00.

Graduation: Every member of the Senior Class pays at the close of her course a fee of \$8.00 for her diploma and other expenses connected with graduation.

Special Students at the Women's College are charged \$10.00 per term for each course holding three recitations per week. Laboratory charges are in addition to this.

For expenses in connection with the Graduate Department see Brown University Catalogue.

All students, graduate or undergraduate, who take the courses specified below, pay the following special sums:

1. In Chemistry

Students who take Courses 1, 2 or 3 in Chemistry are charged as follows: For Course 1, \$1.00; for Course 2, \$2.00; for Course 3, \$3.00. They also have a special charge for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed \$2.00 per term.

Students who take advanced courses in Analytical Chemistry are charged per term, in addition to the regular University dues, the sum of \$10.00 for a three hour course in the Laboratory, and \$20.00 for a six hour course in the Laboratory. In addition, they are charged for their actual individual breakage of chemical apparatus. This charge does not ordinarily exceed \$3.00 per term.

2. Physics

Students who study in the Physical Laboratory pay, in addition to the regular University dues, a fee of \$5.00 per term.

3. In Botany

Students who take Courses 1, 2, 3, 4, 5, 6, in Botany pay, in addition to the regular University dues, a fee of \$3.00 per term.

4. In Comparative Anatomy

Students in Comparative Anatomy pay, in addition to the regular dues, a fee of not less than \$2.00 or more than \$5.00 per term for each course.

Scholarships and Premiums

The Sarah E. Doyle Scholarship for young women, of one thousand dollars, founded by the lady whose name it bears, the income to be applied toward the payment of the tuition of students in the Women's College who have been prepared for college in the Providence High School.

The Sarah Sutton Scholarship for young women of one thousand dollars, founded by one of her eight daughters. The donor reserves the right to nominate candidates for this scholarship for a certain number of years.

The Daniels Scholarship of twenty-five hundred dollars. The income to be used toward paying the expenses of one or more women pursuing studies either in the University or in the Women's College adjunct thereto.

The Howard Scholarship of one thousand dollars presented by James Island Howard of Hartford, Conn.

The Joseph Thayer Scholarship of sixty-five hundred dollars. The income to be for the education of any young man *or woman*, who is a resident of the town of Uxbridge, desiring a liberal education.

The Rhode Island Women's Club annually devotes the income of its Churchill Fund toward the payment of the tuition of some worthy student in the Women's College.

The Gaspee Chapter Daughters of the American Revolution Prize of forty dollars, offered by the Gaspee Chapter of D. A. R., is to be paid annually to that student in the graduating class of the Women's College who shall present the best essay upon some topic in American history. The topic for the year 1899-1900 was "British Sympathy for the Revolution, from 1776 to 1783." Miss Minnie Catherine Mahy was the successful competitor. The topic for the year 1900-1901 is "The Participation of Rhode Island in the Operations around Boston, 1775 and 1776." The essays are to bear each an assumed name, but to be accompanied by an envelope marked with such assumed name and enclosing a sheet of paper with the candidate's real name and address. The essays must be handed to the Dean of the Women's College before May 1, 1901. The award will be announced on Commencement Day, when the topic for the ensuing year will be named.

The students of the Women's College are entitled to compete in all examinations for premiums and prizes offered by Brown University. (See Catalogue p. 203.) Women candidates successful in first premium contests receive collateral prizes awarded by the Dean.

Further information in regard to the work of the Women's College may be secured, and catalogues obtained by addressing the Dean.

ANNIE CROSBY EMERY,

Dean.

Pembroke Hall,
Providence, R. I.

